

Inductive two-wire DC sensors

housing					
	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-202-CD-12	IPS-202-CD-12-V	IPS-202-OD-12	IPS-202-OD-12-V	IPS-202-CD-12-S4
number of wires	2	2	2	2	2
switching distance	2 mm	2 mm	2 mm	2 mm	2 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP66
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NC
voltage range	10-30VDC	10-60VDC	10-30VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	1500 Hz	1500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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 Email : [info@tabrizpeguh.com](mailto:info@tabrizpeguh.com) ; Website : [www.tabrizpeguh.com](http://www.tabrizpeguh.com) ; Tel : +984133330490 ; Fax : +984133318200

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housing					
	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-202-CD-12-V-S4	IPS-202-OD-12-S4	IPS-202-OD-12-V-S4	IPS-204-CD-12	IPS-204-CD-12-V
number of wires	2	2	2	2	2
switching distance	2 mm	2 mm	2 mm	4 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NC	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	1500 Hz	1500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-204-OD-12	IPS-204-OD-12-V	IPS-204-CD-12-S4	IPS-204-CD-12-V-S4	IPS-204-OD-12-S4
number of wires	2	2	2	2	2
switching distance	4 mm	4 mm	4 mm	4 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP66	IP66	IP66
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NO
voltage range	10-30VDC	10-60VDC	10-30VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	1500 Hz	1500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
	M12X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass
code	IPS-204-OD-12-V-S4	IPS-203-CD-14	IPS-203-CD-14-V	IPS-203-OD-14	IPS-203-OD-14-V
number of wires	2	2	2	2	2
switching distance	4 mm	3 mm	3 mm	3 mm	3 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP67	IP67	IP67	IP67
output	4Pin SOCKET	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NC	NC	NO	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	1500 Hz	1500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass
code	IPS-203-CD-14-S4	IPS-203-CD-14-V-S4	IPS-203-OD-14-S4	IPS-203-OD-14-V-S4	IPS-205-CD-14
number of wires	2	2	2	2	2
switching distance	3 mm	3 mm	3 mm	3 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.25-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NC
voltage range	10-30VDC	10-60VDC	10-30VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	1500 Hz	100 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

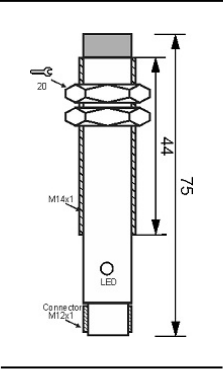
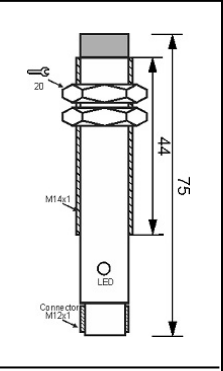
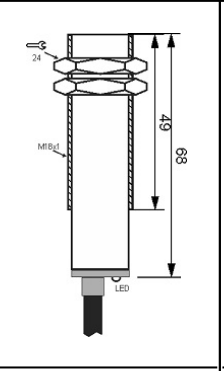
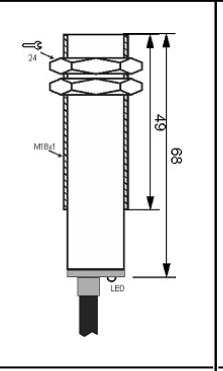
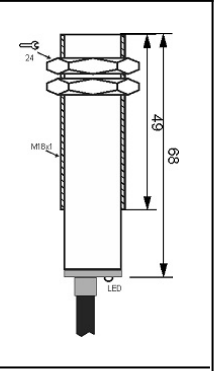
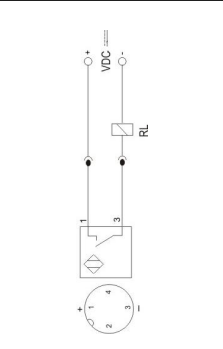
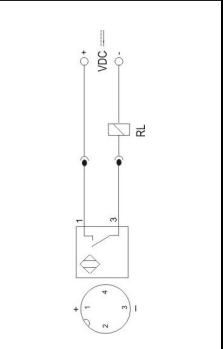
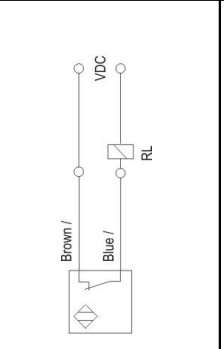
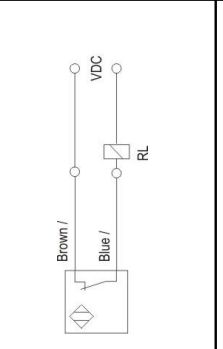
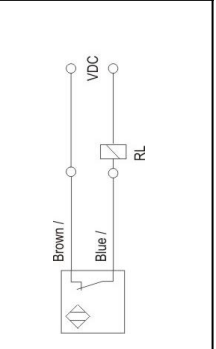
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housing					
	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass
code	IPS-205-CD-14-V	IPS-205-OD-14	IPS-205-OD-14-V	IPS-205-CD-14-S4	IPS-205-CD-14-V-S4
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP66	IP66
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NC	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-OD-14-S4	IPS-205-OD-14-V-S4	IPS-205-CD-18	IPS-205-CD-18-V	IPS-205-CD-18-VI
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP67	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-30VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	120 mA	120 mA	120 mA	450 mA
max output frequency	100 Hz	100 Hz	700 Hz	700 Hz	700 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-OD-18	IPS-205-OD-18-V	IPS-205-OD-18-VI	IPS-205-CD-18-S4	IPS-205-CD-18-VI-S4
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP66	IP66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NC
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	450 mA	120 mA	450 mA
max output frequency	700 Hz	700 Hz	700 Hz	700 Hz	700 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-CD-18-V-S4	IPS-205-OD-18-S4	IPS-205-OD-18-VI-S4	IPS-205-OD-18-V-S4	IPS-208-CD-18
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	450 mA	120 mA	120 mA
max output frequency	700 Hz	700 Hz	700 Hz	700 Hz	700 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)		flush(shielded)	flush(shielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

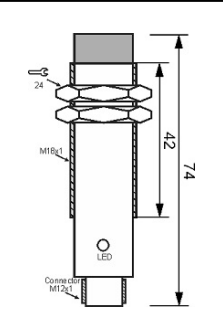
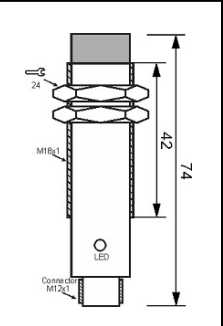
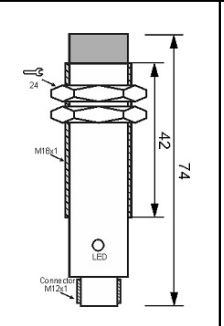
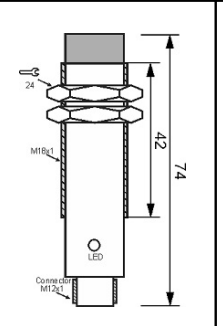
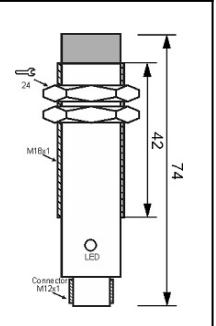
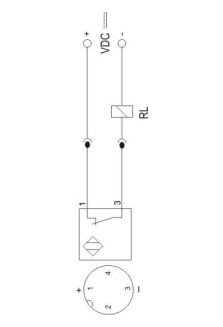
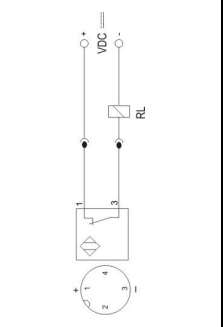
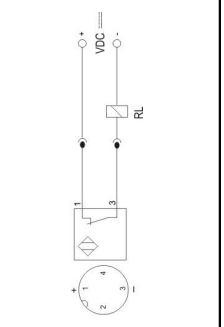
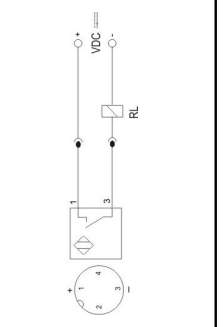
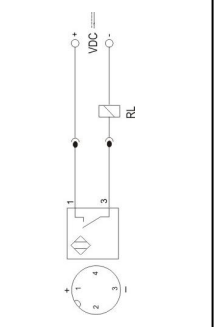
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housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-208-CD-18-V	IPS-208-CD-18-VI	IPS-208-OD-18	IPS-208-OD-18-V	IPS-208-OD-18-VI
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	700 Hz	700 Hz	700 Hz	700 Hz	700 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

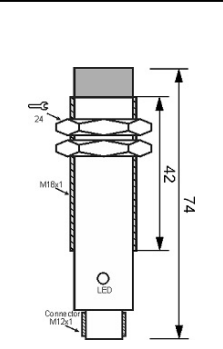
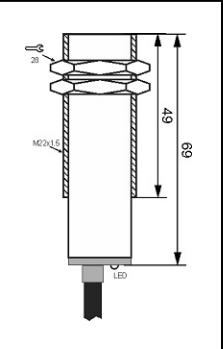
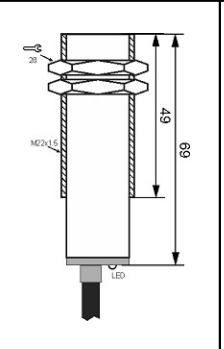
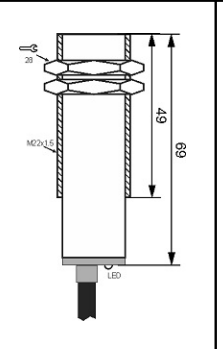
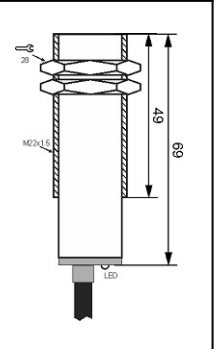
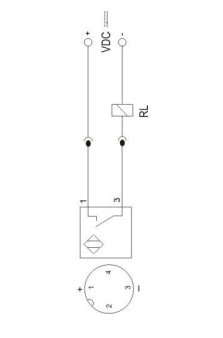
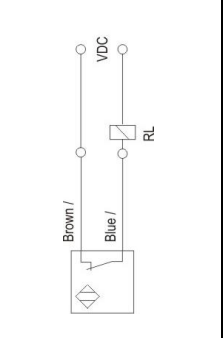
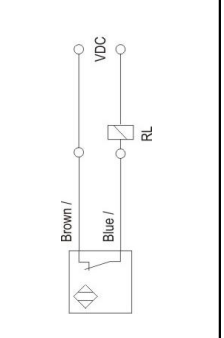
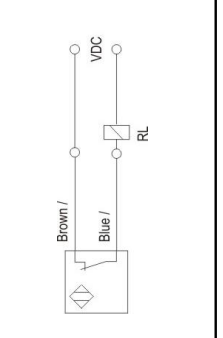
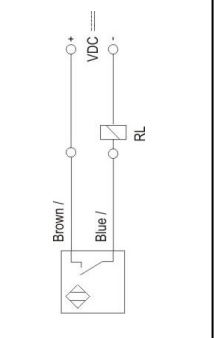
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Inductive two-wire DC sensors

housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-208-CD-18-S4	IPS-208-CD-18-VI-S4	IPS-208-CD-18-V-S4	IPS-208-OD-18-S4	IPS-208-OD-18-VI-S4
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NC	NO	NO
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	700 Hz	700 Hz	700 Hz	700 Hz	700 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M18X1Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-OD-18-V-S4	IPS-208-CD-22	IPS-208-CD-22-V	IPS-208-CD-22-VI	IPS-208-OD-22
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP67	IP67	IP67	IP67
output	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NC	NC	NC	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	700 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

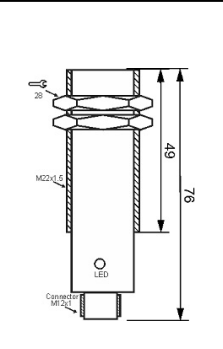
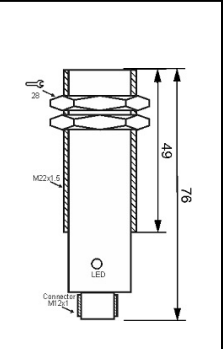
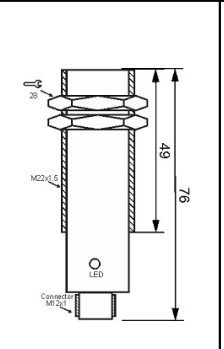
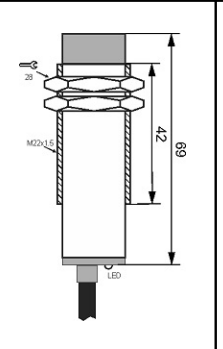
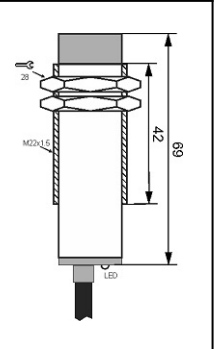
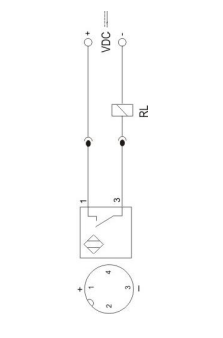
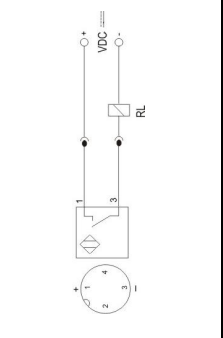
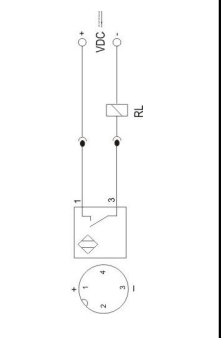
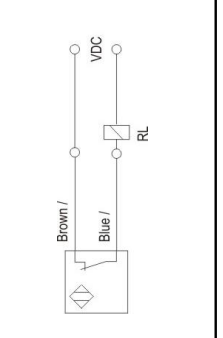
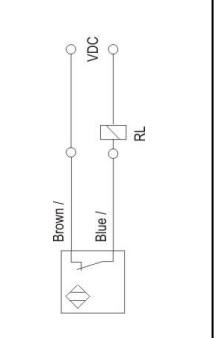
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Inductive two-wire DC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-OD-22-V	IPS-208-OD-22-VI	IPS-208-CD-22-S4	IPS-208-CD-22-VI-S4	IPS-208-CD-22-V-S4
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP66	IP66	IP66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	450 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

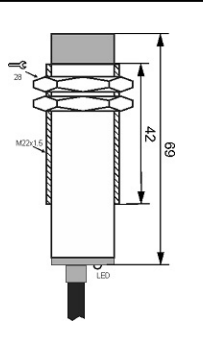
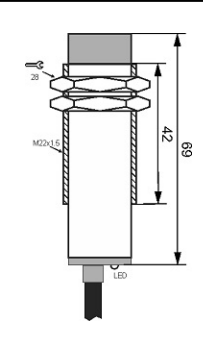
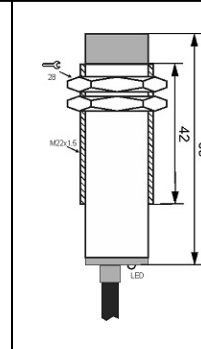
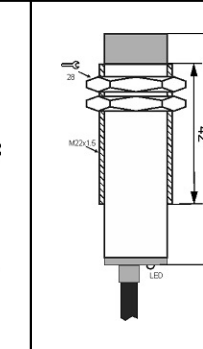
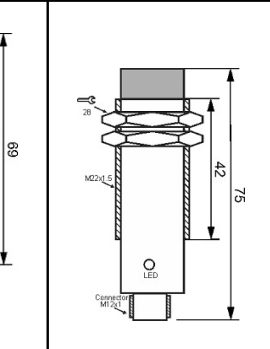
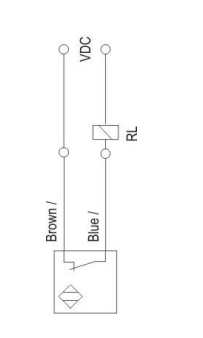
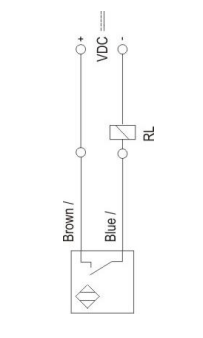
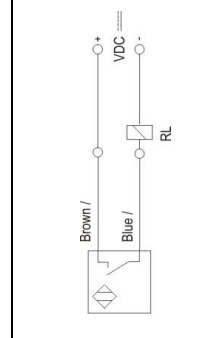
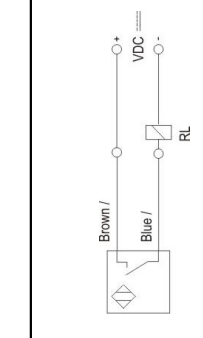
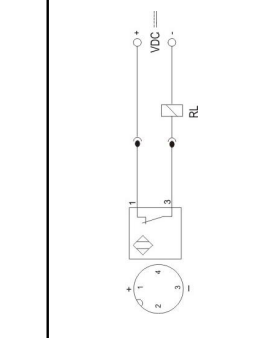
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Inductive two-wire DC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-OD-22-S4	IPS-208-OD-22-VI-S4	IPS-208-OD-22-V-S4	IPS-210-CD-22	IPS-210-CD-22-V
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NC
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-210-CD-22-VI	IPS-210-OD-22	IPS-210-OD-22-V	IPS-210-OD-22-VI	IPS-210-CD-22-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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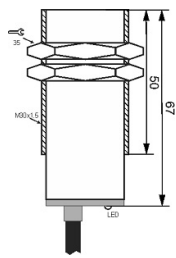
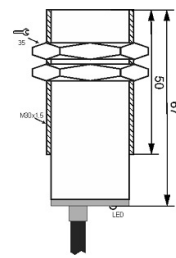
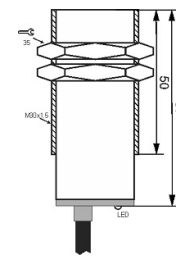
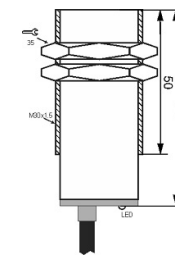
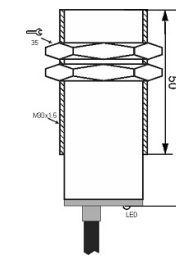
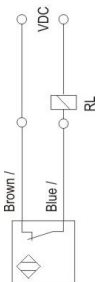
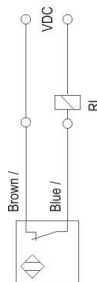
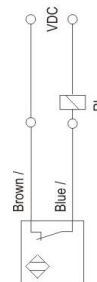
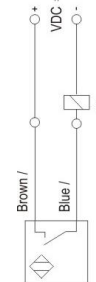
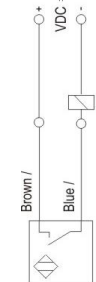
Inductive two-wire DC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-210-CD-22-VI-S4	IPS-210-CD-22-V-S4	IPS-210-OD-22-S4	IPS-210-OD-22-VI-S4	IPS-210-OD-22-V-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-CD-30	IPS-210-CD-30-V	IPS-210-CD-30-VI	IPS-210-OD-30	IPS-210-OD-30-V
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NC	NO	NO
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	450 mA	120 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max noload or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

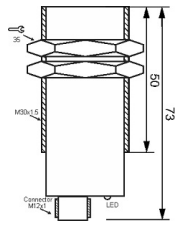
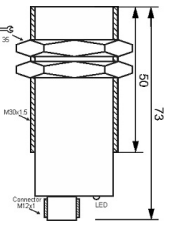
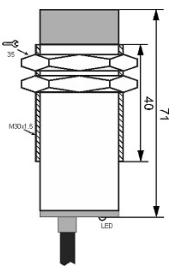
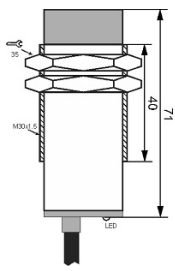
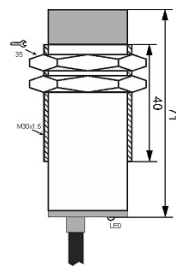
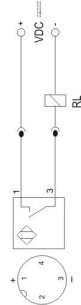
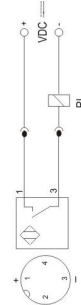
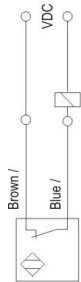


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Inductive two-wire DC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-OD-30-VI	IPS-210-CD-30-S4	IPS-210-CD-30-VI-S4	IPS-210-CD-30-V-S4	IPS-210-OD-30-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP66	IP66	IP66	IP66
output	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NC	NC	NC	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	450 mA	120 mA	450 mA	120 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max noload or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-OD-30-VI-S4	IPS-210-OD-30-V-S4	IPS-215-CD-30	IPS-215-CD-30-V	IPS-215-CD-30-VI
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP67	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	450 mA	120 mA	120 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

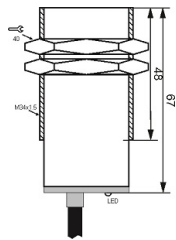
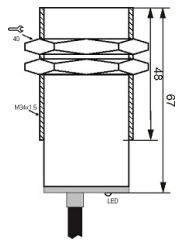
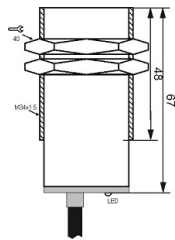
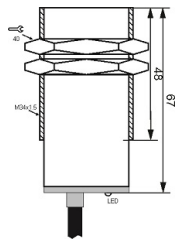
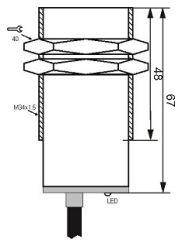
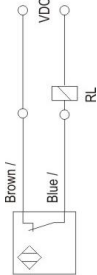
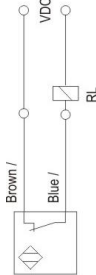
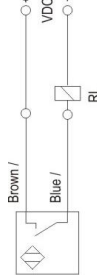
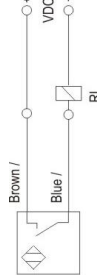
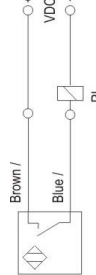
housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-215-OD-30	IPS-215-OD-30-V	IPS-215-OD-30-VI	IPS-215-CD-30-S4	IPS-215-CD-30-VI-S4
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP66	IP66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NC
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	450 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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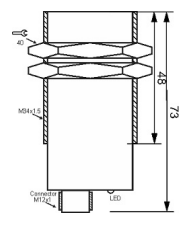
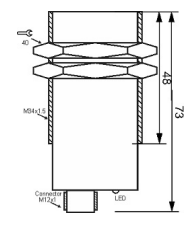
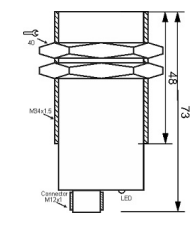
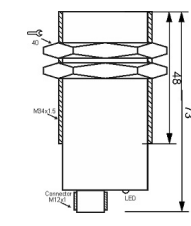
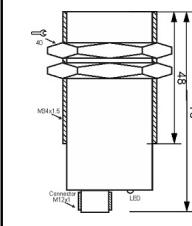
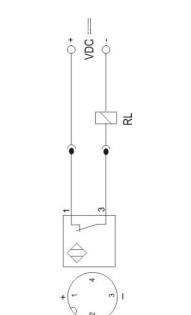
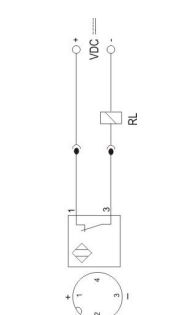
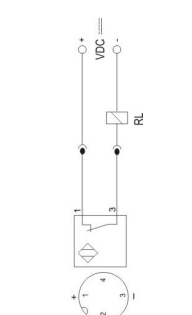
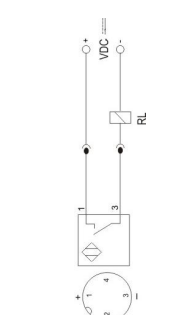
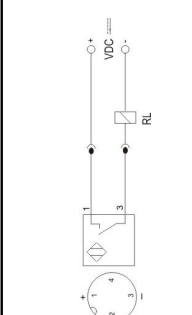
Inductive two-wire DC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-CD-30-V-S4	IPS-215-OD-30-S4	IPS-215-OD-30-VI-S4	IPS-215-OD-30-V-S4	IPS-215-CD-34
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	450 mA	120 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire DC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-CD-34-V	IPS-215-CD-34-VI	IPS-215-OD-34	IPS-215-OD-34-V	IPS-215-OD-34-VI
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire DC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-CD-34-S4	IPS-215-CD-34-VI-S4	IPS-215-CD-34-V-S4	IPS-215-OD-34-S4	IPS-215-OD-34-VI-S4
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NC	NO	NO
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max noload or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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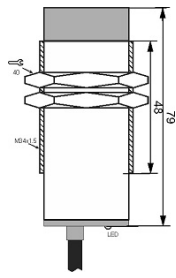
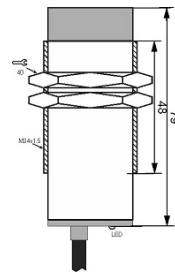
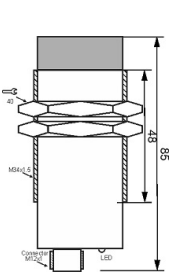
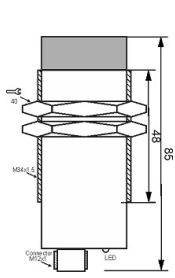
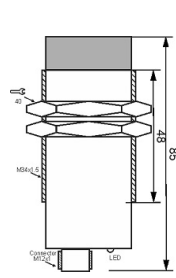
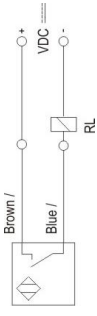
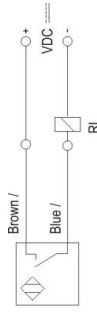
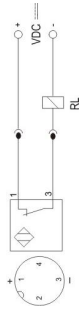


Inductive two-wire DC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-OD-34-V-S4	IPS-220-CD-34	IPS-220-CD-34-V	IPS-220-CD-34-VI	IPS-220-OD-34
number of wires	2	2	2	2	2
switching distance	15 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP67	IP67	IP67	IP67
output	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NC	NC	NC	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max noload or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-220-0D-34-V	IPS-220-0D-34-VI	IPS-220-CD-34-S4	IPS-220-CD-34-VI-S4	IPS-220-CD-34-V-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP66	IP66	IP66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max noload or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

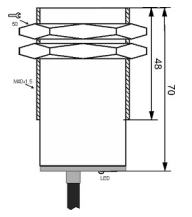
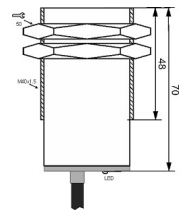
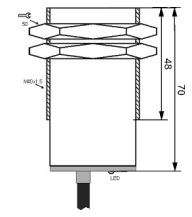
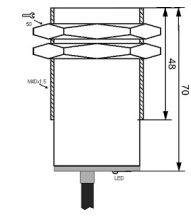
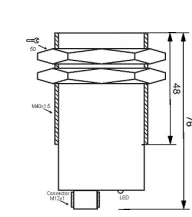
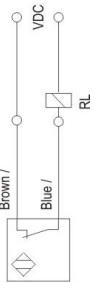
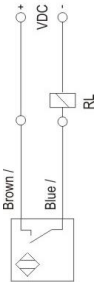
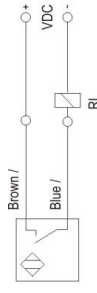
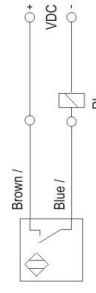
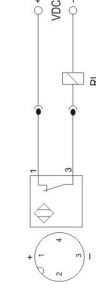
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Inductive two-wire DC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-0D-34-S4	IPS-220-0D-34-VI-S4	IPS-220-0D-34-V-S4	IPS-220-CD-40	IPS-220-CD-40-V
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NC
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

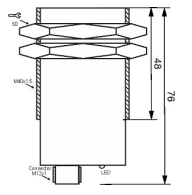
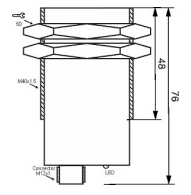
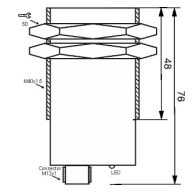
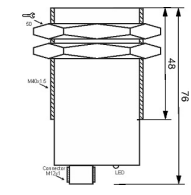
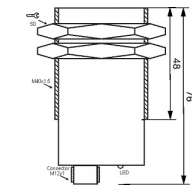


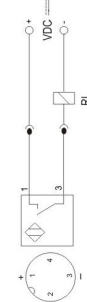


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Inductive two-wire DC sensors


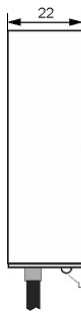


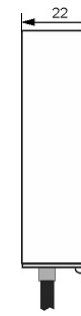
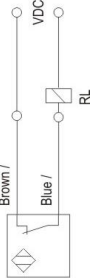
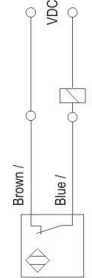
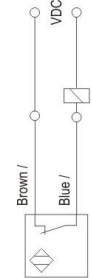
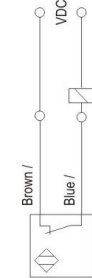
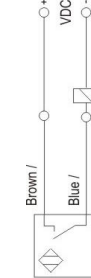
housing					
	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-CD-40-VI	IPS-220-OD-40	IPS-220-OD-40-V	IPS-220-OD-40-VI	IPS-220-CD-40-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-CD-40-VI-S4	IPS-220-CD-40-V-S4	IPS-220-OD-40-S4	IPS-220-OD-40-VI-S4	IPS-220-OD-40-V-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire DC sensors

housing					
	12mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP
code	IPS-204-CD-P12-V	IPS-210-CD-P22	IPS-210-CD-P22-V	IPS-210-CD-P22-VI	IPS-210-OD-P22
number of wires	2	2	2	2	2
switching distance	4 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.25-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NC	NC	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	1500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

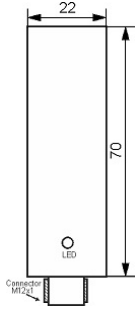
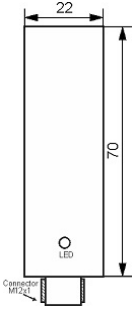
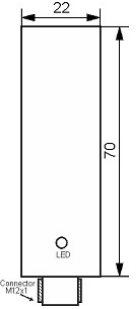
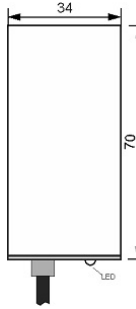
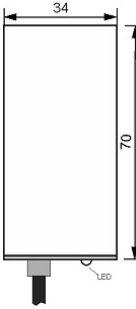
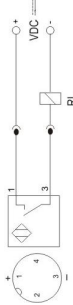

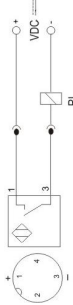
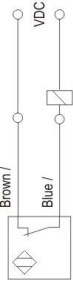
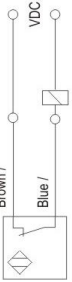
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Inductive two-wire DC sensors

housing					
	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP
code	IPS-210-OD-P22-V	IPS-210-OD-P22-VI	IPS-210-CD-P22-S4	IPS-210-CD-P22-VI-S4	IPS-210-CD-P22-V-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP66	IP66	IP66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	450 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-210-0D-P22-S4	IPS-210-0D-P22-VI-S4	IPS-210-0D-P22-V-S4	IPS-220-CD-P34	IPS-220-CD-P34-V
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP67	IP67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NC
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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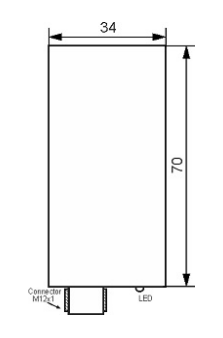
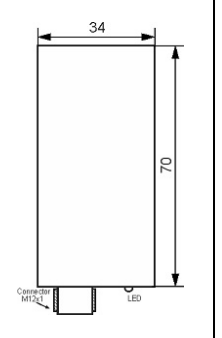
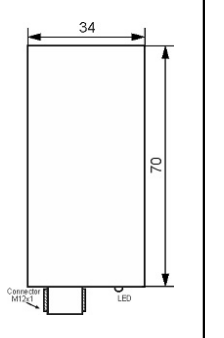
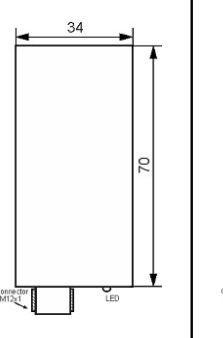
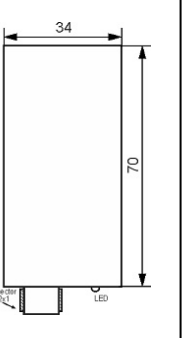
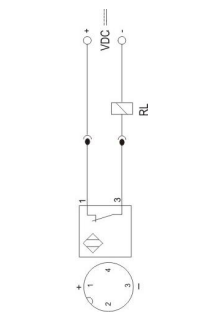
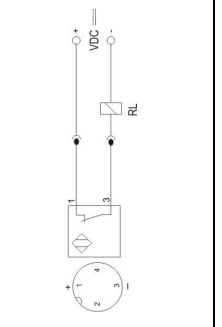
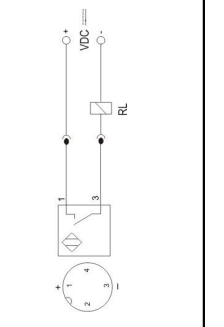
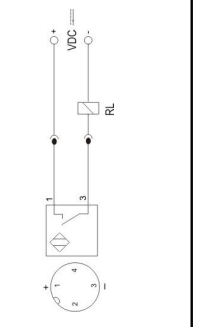
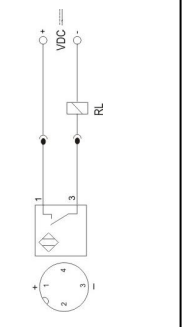
Inductive two-wire DC sensors

housing					
	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-220-CD-P34-VI	IPS-220-OD-P34	IPS-220-OD-P34-V	IPS-220-OD-P34-VI	IPS-220-CD-P34-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-220-CD-P34-VI-S4	IPS-220-CD-P34-V-S4	IPS-220-OD-P34-S4	IPS-220-OD-P34-VI-S4	IPS-220-OD-P34-V-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 12X40X25 PA or PP
code	IPS-205-CD-R10	IPS-205-CD-R10-V	IPS-205-OD-R10	IPS-205-OD-R10-V	IPS-204-CD-R12
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NC
voltage range	10-30VDC	10-60VDC	10-30VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	100 Hz	100 Hz	100 Hz	100 Hz	1500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

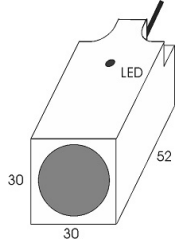
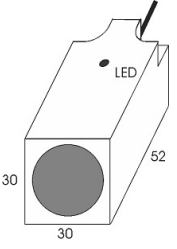
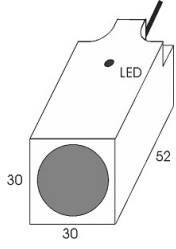
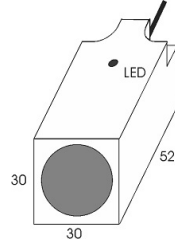
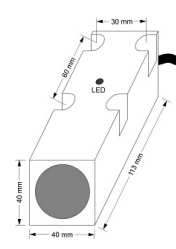
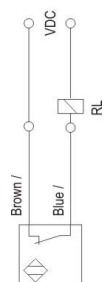
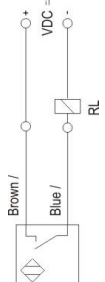
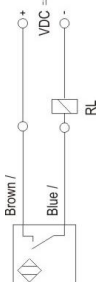
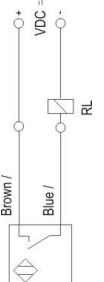
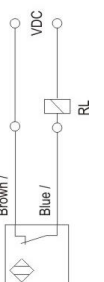
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Inductive two-wire DC sensors

housing					
	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP
code	IPS-204-CD-R12-V	IPS-204-OD-R12	IPS-204-OD-R12-V	IPS-210-CD-R30	IPS-210-CD-R30-V
number of wires	2	2	2	2	2
switching distance	4 mm	4 mm	4 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NC	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	120 mA	120 mA	120 mA	120 mA
max output frequency	1500 Hz	1500 Hz	1500 Hz	500 Hz	500 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 40X40X113 PA or PP
code	IPS-210-CD-R30-VI	IPS-210-OD-R30	IPS-210-OD-R30-V	IPS-210-OD-R30-VI	IPS-220-CD-R40
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NO	NO	NO	NC
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	450 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	500 Hz	500 Hz	500 Hz	500 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP
code	IPS-220-CD-R40-V	IPS-220-CD-R40-VI	IPS-220-OD-R40	IPS-220-OD-R40-V	IPS-220-OD-R40-VI
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NO	NO	NO
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP
code	IPS-220-CD-R40-T	IPS-220-CD-R40-VI-T	IPS-220-CD-R40-V-T	IPS-220-OD-R40-T	IPS-220-OD-R40-VI-T
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP66	IP66	IP66	IP66
output	TERMINAL	TERMINAL	TERMINAL	TERMINAL	TERMINAL
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NC	NC	NC	NO	NO
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

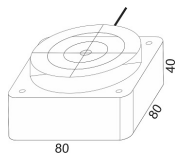
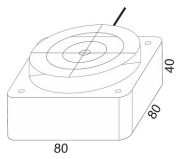
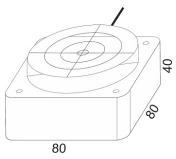
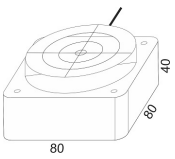
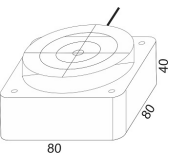
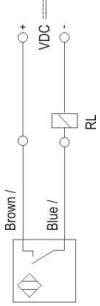
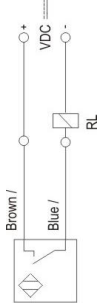
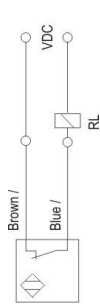
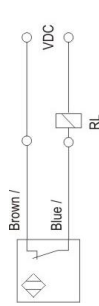
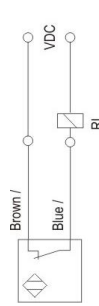
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 Email : [info@tabrizpeguh.com](mailto:info@tabrizpeguh.com) ; Website : [www.tabrizpeguh.com](http://www.tabrizpeguh.com) ; Tel : +984133330490 ; Fax : +984133318200

Inductive two-wire DC sensors

housing					
	REC. 40X40X113 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP
code	IPS-220-OD-R40-V-T	IPS-235-CD-R80	IPS-235-CD-R80-V	IPS-235-CD-R80-VI	IPS-235-OD-R80
number of wires	2	2	2	2	2
switching distance	20 mm	35 mm	35 mm	35 mm	35 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP66	IP67	IP67	IP67	IP67
output	TERMINAL	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NC	NC	NC	NO
voltage range	10-60VDC	10-30VDC	10-60VDC	10-60VDC	10-30VDC
max output current	120 mA	120 mA	120 mA	450 mA	120 mA
max output frequency	300 Hz	100 Hz	100 Hz	100 Hz	100 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP
code	IPS-235-OD-R80-V	IPS-235-OD-R80-VI	IPS-245-CD-R80	IPS-245-CD-R80-V	IPS-245-CD-R80-VI
number of wires	2	2	2	2	2
switching distance	35 mm	35 mm	45 mm	45 mm	45 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NC	NC	NC
voltage range	10-60VDC	10-60VDC	10-30VDC	10-60VDC	10-60VDC
max output current	120 mA	450 mA	120 mA	120 mA	450 mA
max output frequency	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2 mA	2 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					



Inductive two-wire DC sensors

housing					
	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA
code	IPS-245-OD-R80	IPS-245-OD-R80-V	IPS-245-OD-R80-VI	IPS-220-CD-SR40	IPS-220-OD-SR40
number of wires	2	2	2	2	2
output type				TRANSISTOR	TRANSISTOR
switching distance	45 mm	45 mm	45 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP67	IP67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR
output function	NO	NO	NO	NC	NO
voltage range	10-30VDC	10-60VDC	10-60VDC	10-30VDC	10-30VDC
max output current	120 mA	120 mA	450 mA	120 mA	120 mA
max output frequency	100 Hz	100 Hz	100 Hz	300 Hz	300 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	5 V	5 V	5 V	5 V	5 V
max no-load or leakage current	2 mA	2 mA	2 mA	2mA	2mA
pressure rate	3 bar	3 bar	3 bar	3bar	3bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	yes	yes	yes	yes	yes
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire DC sensors

housing					
	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA	
code	IPS-220-OD-SR40-V	IPS-220-CD-SR40-V	IPS-220-CD-SR40-VI	IPS-220-OD-SR40-VI	
number of wires	2	2	2	2	
output type	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	
switching distance	20 mm	20 mm	20 mm	20 mm	
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	
influence protection	IP67	IP67	IP67	IP67	
output	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL	
output stage	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	
output function	NO	NC	NC	NO	
voltage range	10-60VDC	10-60VDC	10-60VDC	10-60VDC	
max output current	120 mA	120 mA	250 mA	250 mA	
max output frequency	300 Hz	300 Hz	300 Hz	300 Hz	
indicator led	yes	yes	yes	yes	
max drop voltage	5 V	5 V	5 V	5 V	
max no-load or leakage current	2mA	2mA	2mA	2mA	
pressure rate	3bar	3bar	3bar	3bar	
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	
revers voltage protection	yes	yes	yes	yes	
short circuit protection	no	no	no	no	
pick voltage protection	yes	yes	yes	yes	
circuit					

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