

DOUBLE SHEET DETECTOR (DSD)

Double sheet sensor is used to detect the doubling of the metal sheet thickness to its original thickness. The sensor is used for a sheet thickness of 0.2 mm to 1 mm.

The sensor consists of the following components :

1-Transmitter : 2 wire

2-Receiver : 3 wire

3-Power supply : It has two potentiometers , COARSE for large tuning and FINE for accurate tuning .

SENSOR PERFORMANCE :

to set the device , we first place a single - layer sheet between the transmitter and receiver . then rotate the COARSE potentiometer from the minimum value clockwise to turn the red led off . at this point , the machine is ready to detect two or more equal thicknesses . The FINE potentiometer can use for more More precisely adjusting .

DEVICE LEDs :

Yellow LED (CONDITION) : It indicates that the receiver is connected and its being healthy . Green LED (POWER) : It indicates that the power supply is connected . Red LED (DOUBLE SHEET) : It indicates double sheet and activating the output relay .

 DOUBLE SHEET DETECTOR
 DSD
 18
 PS/EM/RC
 220

 SENSOR DIAMETER

 18: M18X1
 22
 M22X1.5
 30
 30
 30X1.5
 33
 33
 30X1.5
 34
 M30X1.5
 9
 9
 9
 9
 9
 9
 NOWER SUPPLY
 RC : RECEIVER
 8
 9
 9
 10
 110
 110
 10
 10
 10
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 24 : 24VAC/DC
 24 : 24VAC/DC
 24 : 24VAC/DC
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ORDER CODE

TECHNICAL DATA	
Supply voltage	220VAC or 110VAC or 24VAC/DC
Output voltage	12VDC
Output relay	250V 5A
Receiver indicator	YELLOW LED
Output indicator	RED LED
Power indicator	GREEN LED
Case size	80x45x108



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