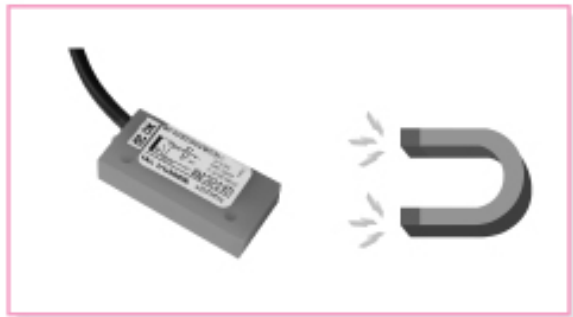
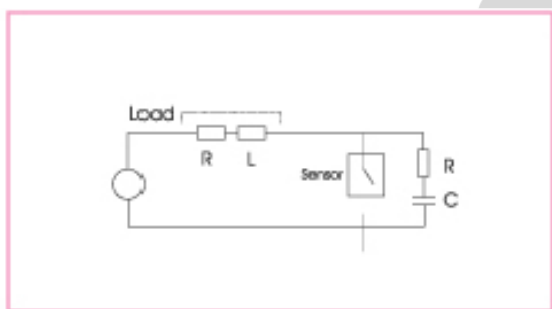


Magnetic sensors

These sensors operate in the presence of a magnetic field. When a magnet is placed in front of the sensor, its contact will activate.

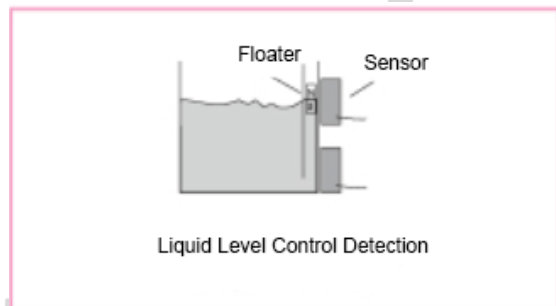


When an inductive load is connected to these sensors, it is recommended to use a combination of a capacitor (C) and resistor (R) as shown in the figure below to ensure protection and prolong the sensor's lifespan.

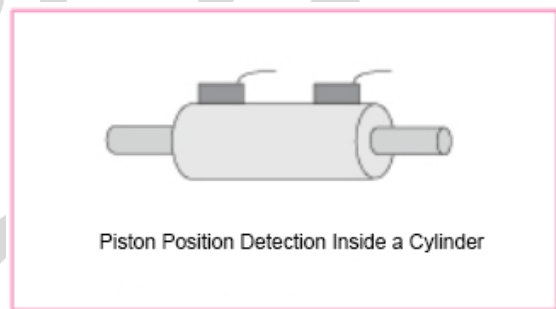


Applications:

Used to detect and monitor the level of liquids in tanks or containers by responding to the presence of a magnetic float or similar mechanism.



Used to detect the position of a piston within a cylinder by sensing the magnetic field generated by a magnet attached to the piston.



Used to measure the rotational or linear speed of objects, such as motors or gears, by detecting changes in the magnetic field caused by the movement of magnetic components.

