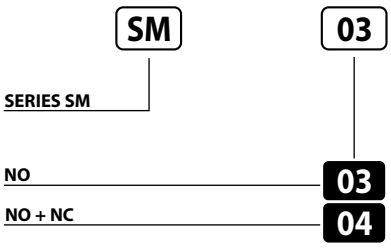
Reed Contact Magnetic Sensors Ø 8

REED CONTACT MAGNETIC PROXIMITY SENSORS

- *Metal housing*
- *2 µS delay on activation*
- *2 m integral cable*
- *Choiche of magnets*

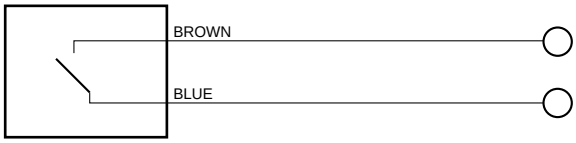
SM Series

Identification code

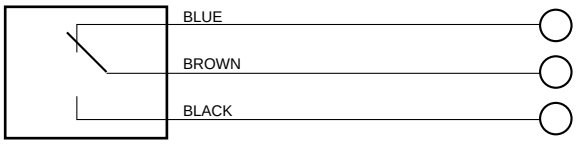


Wiring diagrams

NO CONTACT



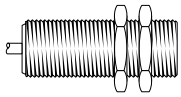
NO + NC CONTACT

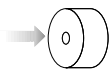
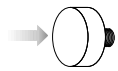
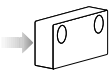
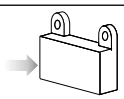
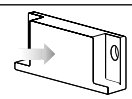


MAX. VOLTAGE	230 V AC
MAX. CURRENT	0.5 A
POWER	10 W/VA
SWITCHING FREQUENCY	200 Hz
DELAY ON ACTIVATION	2 mS
REPEATABILITY	± 0.3 mm
TEMPERATURE LIMITS	-25 ÷ +70°C
PROTECTION DEGREE	IP 67
CABLE LENGTH	2m
CABLE SECTION	3 x 0.50 mm²
HOUSING MATERIAL	Nickel-plated brass

Reed contact sensor / magnet switching distance (mm)

DIAMETER 8

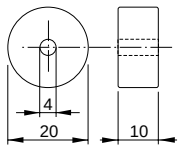


Distance	Hysteresis	
24	5	MG01 
22	5	MG02 
6	2,5	MG03 
32	5	MG04 
29	5	MG05 

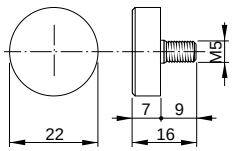
WARNING: The data specified in this table have an approximate value because they depend on the magnet position, on the material on which it is applied (ferromagnetic or not) and because they are related to the magnet during the frontal approach. Reed contact sensors can be also activated laterally considering that switching distances are always influenced by the magnet position and orientation besides the material on which it is applied (ferromagnetic or not).

Magnets dimensions (mm)

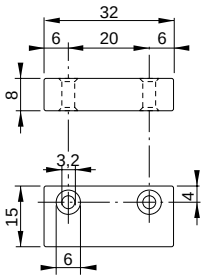
MG01 (Ferrite)



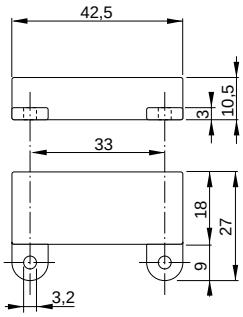
MG02 (Ferrite)



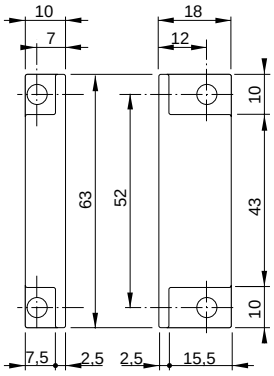
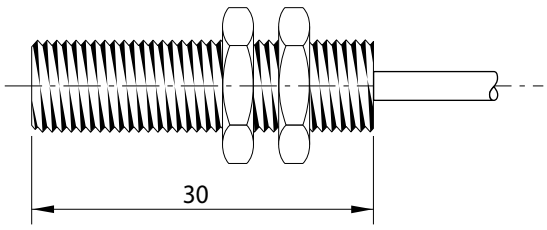
MG03
(Alnico in aluminium housing)



MG04
(Ferrite in plastic housing)



MG05
(Ferrite in plastic housing)



Dimensions (mm)