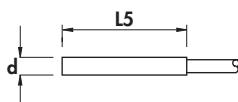


REED CONTACT 2 wires • **Detection of magnets •** **Cable output •**

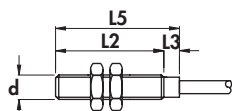
Housing A

magnet



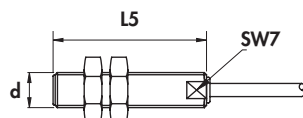
Housing B-6

magnet



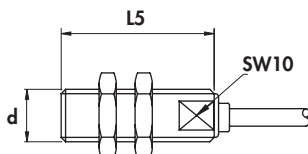
Housing B-10

magnet



Housing B-12

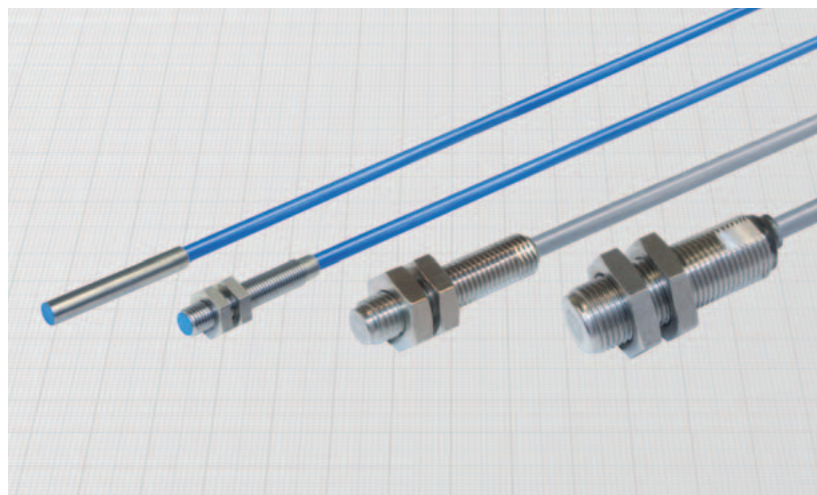
magnet



Diameter		M5 x 0,5	M8 x 1	M12 x 1
Nut	Size	SW7	SW13	SW17
	Thickness mm	2,5	4	4
Max tightening torque Nm		2	10	20

Materials:

- Cable: 2m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: stainless steel



General Features:

These sensors give on the output a contact activated by an external magnetic field, not depending by the polarity of the field. The activation distance depends by the power of the magnet (see on page C-12), which must be ordered separately. Reed contacts allows to drive directly dc loads (PNP/NPN) or ac loads. Diameters 8 and 12 mm are completely in stainless steel and are able to withstand high pressures on the housing.

Technical data:

- Max working voltage: 50 Vac/75 Vdc
- Output logic: normally open
- Contact resistance max: 0,1 Ω
- Operate time max: 1 ms
- Release time max: 0,4 ms
- Temperature range: -25 ÷ +85°C
- Degree of protection: front side (diameters 8 and 12 mm): IP68
back side: IP67
- Pressure on the front side max (diameters 8 and 12 mm): 150 bar
- Cable conductor cross section: 0,15 mm² on 4 and 5 mm
0,35 mm² on 6,5 ÷ 12 mm

Housing	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Rated operational current (I _e)	ORDERING REFERENCES
	mm	mm	mm	mm	mm	mm	mm	KHz	mA	
A	-	-	-	-	25	3	4	0,5	500	BMS4/4600L
B-6	-	20	5	-	25	3	M5 x 0,5	0,5	500	BMS5/4600
A	-	-	-	-	30	4	6,5	0,5	500	BMS6,5/4600L
B-10	-	-	-	-	35	4	M8 x 1	0,5	500	BMS8/4600
B-12	-	-	-	-	35	4	M12 x 1	0,5	500	BMS12/4600