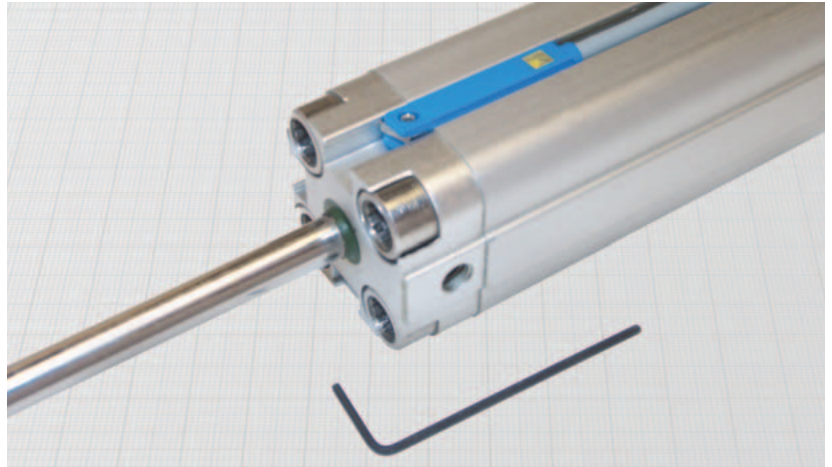


RECTANGULAR MAGNETIC SENSORS

- REED CONTACT 2 and 3 wires with LED
- For pneumatic cylinders
- Cable and connector output M8 x 1



General Features:

This sensor detects the position of the magnetic ring inside a standard pneumatic cylinder with a T slot. The sensor remains completely recessed and thus mechanically protected. Reed contact provides for a direct driving of DC (PNP/NPN) and AC loads. A yellow LED gives indication of the output status. Available with cable exit or connector M8x1.

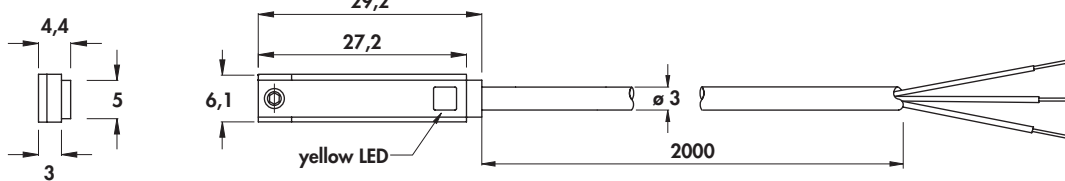
Technical data:

- Working voltage: 10 ÷ 30 Vac/Vdc normally open
- Output function: with $I_e = 10 \text{ mA}$ $\leq 2,2 \text{ V}$
- Voltage drop (U_d) 2 wires versions: with $I_e = 160 \text{ mA}$ $\leq 3 \text{ V}$
- Contact resistance max (3 wires versions): 0,1 Ω
- Operate time max: 1 ms
- Release time max: 0,4 ms
- Temperature range: -25 ÷ +85°C
- Degree of protection: IP67
- Output status indication: yellow LED
- Cable conductor cross section: 0,15 mm²

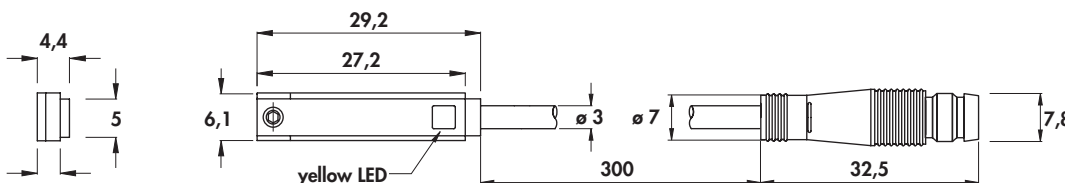
Materials:

- Cable: PVC CEI 20-22 II; 90°C; 300V
- Connector: PUR
- Sensor: plastic
- Connector ferrule and fixing nut: nickel plated brass

Housing S-1



Housing S-2



Housing	Female connector	Cable diameter	Rated operational current (I_e)	Max switching frequency (f)	ORDERING REFERENCES		
					PNP (positive switching)	NPN (negative switching)	2 wires
S-1	-	3	500	30,5			
S-2	11-12	-	500	0,5			
S-1	-	3	100	0,5	BMS/4600S BMS/4FO0S - -	- - BMS/4602S BMS/4F02S	
S-2	11-12	-	100	0,5			

Note: different cable lengths must be specified at the end of the code. Ex: BMS/4FO0S-1 for 1m of cable with connector