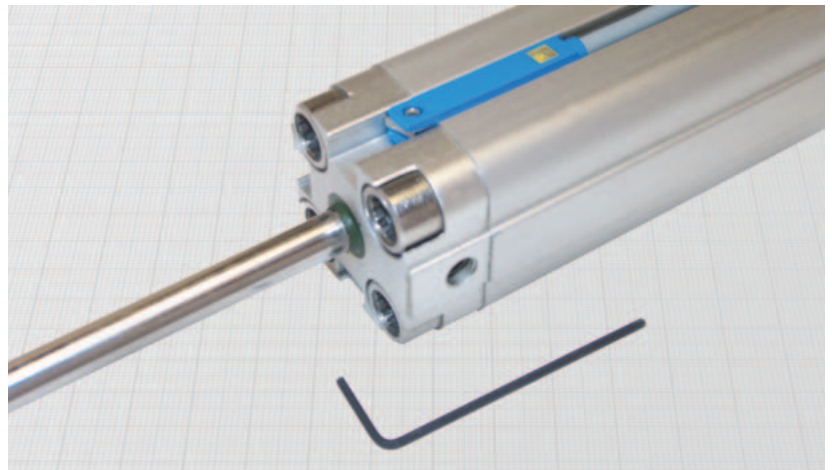


- Amplified in d.c. 3 wires with LED •
- For pneumatic cylinders •
- Cable and connector output M8 x 1 •



General Features:

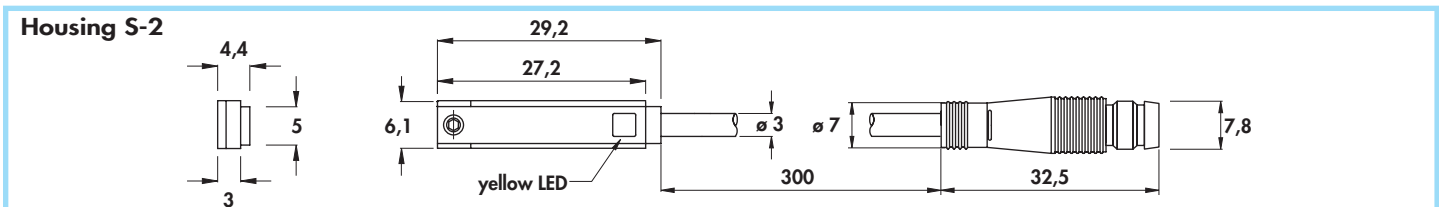
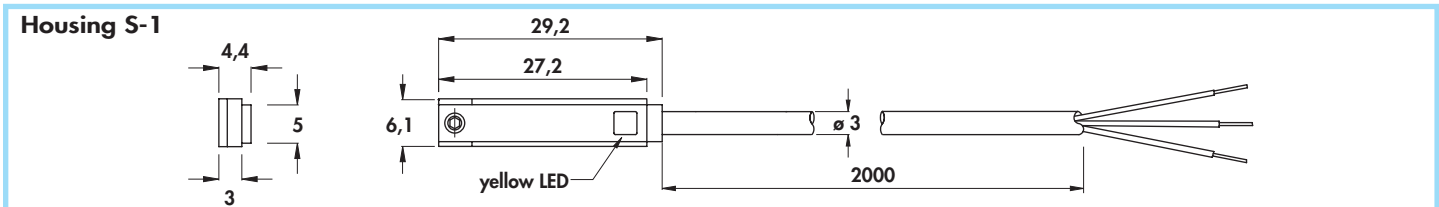
These sensors are completely electronic and detects the position of the magnetic ring inside a standard pneumatic cylinder with a T slot. The sensor remains completely recessed and thus mechanically protected. Main advantages of static output sensors are unlimited electric life, protection against short circuit and lines transient, high switching frequency and no bounces on switching edges. A yellow LED gives indication of the output status. Available with cable exit or connector M8x1.

Technical data:

- Supply voltage (U_B): 10 ÷ 30 Vdc
- No-load supply current (I_0): < 10 mA
- Temperature range: - 25 ÷ + 85° C
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,15 mm²
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- Protected against short circuit, overload and connection mistakes
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Materials:

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



Housing	Female connector n°	Cable diameter mm	Max ripple %	Max switching frequency (f) KHz	Rated operational current (I ₀) mA	ORDERING REFERENCES	
						PNP (positive switching)	
						NO 1 brown + 4 black 3 blue -	NC 1 brown + 4 black 3 blue -
S-1	-	3	10	10	200	BMS/4609KS	BMS/4619KS
S-2	11-12	-	10	10	200	BMS/4F09KS	BMS/4F19KS

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

