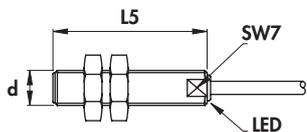


- Amplified in d.c. 3 wires with LED •
- Detection of magnets •
- Cable output •

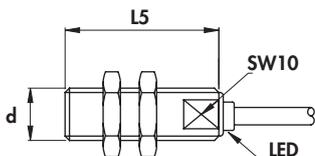
Housing B-10

magnet



Housing B-12

magnet



Diameter	M8 x 1	M12 x 1
Nut	Size	SW13
	Thickness mm	4
Max tightening torque Nm	10	20

Materials:

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

General Features:

These sensors are completely electronic and are 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.

Main advantages of static output sensors are unlimited electric life, protection against short circuit and lines transients, high switching frequency and no bounces on switching edges.

The output status is indicated by LED.

The extremely strong construction allows the use in the most difficult conditions even with high pressures on the housing.

Technical data:

- Supply voltage (U_B): 10 ÷ 30 Vdc
- Max ripple: 10%
- No-load supply current (I_0): < 20 mA
- Voltage drop (U_d): ≤ 1.5 V
- Repeat accuracy (R): < 2%
- Temperature range: -25 ÷ +85°C
- Degree of protection: IP67
- Max pressure on front side: 150 bar
- Output status indicator: yellow LED
- Cable conductor cross section: 0,22 mm² on 8 mm
0,34 mm² on 12 mm

- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Housing	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Rated operational current (I _e)	ORDERING REFERENCES	
										PNP (positive switching)	
										NO	NC
B-10	-	-	-	-	35	3,5	M8 x 1	10	200	BMS8/4609KS	BMS8/4619KS
B-12	-	-	-	-	35	4	M12 x 1	10	200	BMS12/4609KS	BMS12/4619KS
NPN (negative switching)											
Use the above mentioned part number changing the last number 9 with 8 (ie. BMS8/4608KS)											