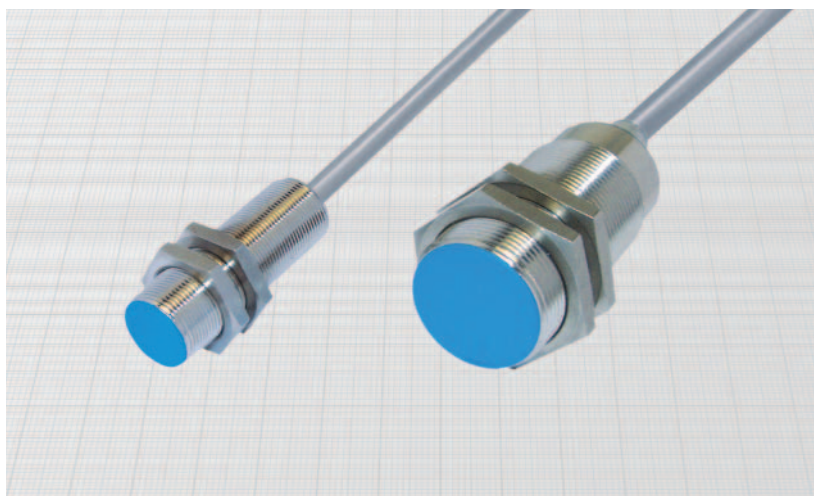
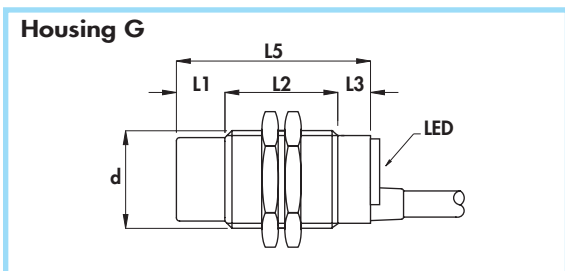
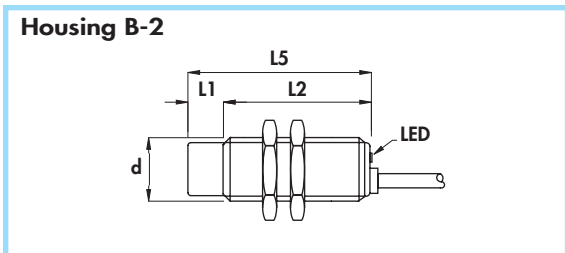


- 5 output functions •
- Amplified in d.c. + a.c. 2 wires •
- Cable output •



Diameter	M18 x 1	M30 x 1,5
Nut	Size	SW24
	Thickness mm	4
Max tightening torque Nm	35	80

Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: nickel plated brass
- Sensing face: plastic

General Features:

When used in a.c. they work as normally open. When used in d.c. they can work as normally open or normally closed simply by reversing the connection wires. The load can be connected indifferently on the positive or on the negative pole. These sensors put together the four functions of traditional 3 wires amplified sensors: PNP - NO; PNP - NC; NPN - NO; NPN - NC. Besides the a.c. working in many applications they can replace directly electromechanical microswitches.

Technical data:

- Supply voltage (U_B): 10 ÷ 60 Vdc/Vac
- Electrical system frequency: 40 ÷ 60 Hz
- Max ripple: 10%
- Off-state current (I_o): ≤ 0,6 mA
- Minimum operational current (I_m): 5 mA
- Rated operational current (I_a): 400 mA
- Voltage drop (U_d): ≤ 4 V
- Temperature range: -20° ÷ +70°C
- Max thermal drift of sensing distance S_r : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- LED indication: yellow = output state
blinking red = output short circuit
- Cable conductor cross section: 0,75 mm²
- Protected against short-circuit and overload
- Suppression of initial false impulse
- Class 2 equipment according to IEC 536
- Shock and vibration according to EN60068-2-27 EN60068-2-6
- Electromagnetic compatibility (EMC) according to EN61000-6-2/-4

Housing	Flush mounting Non flush mounting	L1	L2	L3	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance (S_n) ± 10%	ORDERING REFERENCES					
										PNP		NPN		A.C.	
										NO	NC	NO	NC	NO	
B - 2	•	-	50	-	50	5	M18 x 1	800	5		DX18/4A5XKS DX18/5A5XKS				
B - 2	•	10	40	-	50	5	M18 x 1	400	8						
G	•	-	50	10	60	5	M30 x 1,5	600	10	DX30/465XKS DX30/565XKS					
G	•	15	35	10	60	5	M30 x 1,5	300	15						