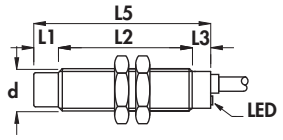
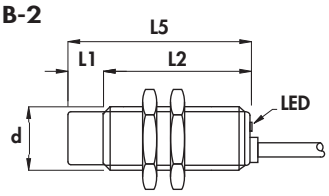
• AMPLIFIED IN d.c. + a.c. 2-wires - Voltage 10 ÷ 50 V≃
• ATEX certified II 3GD for zone 2;22
• Cable output

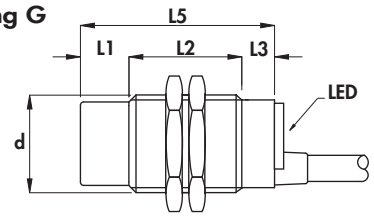
Housing B-3

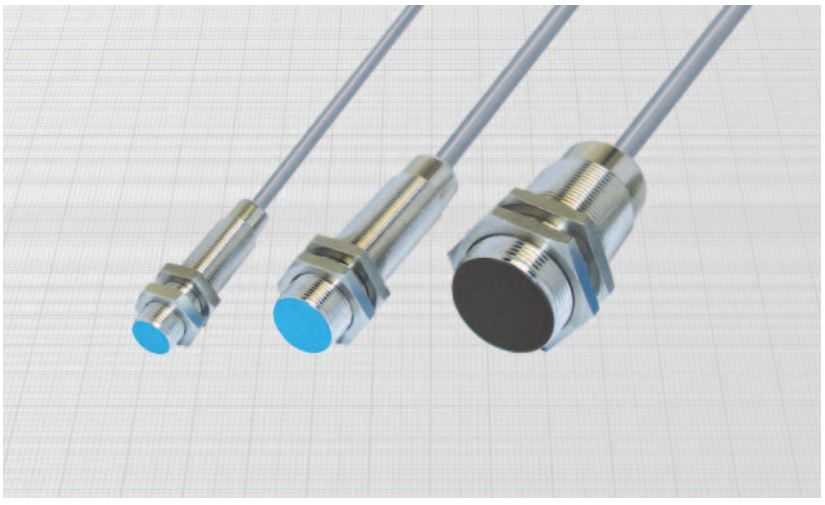


Housing B-2



Housing G





Diameter		M12 x 1	M18 x 1	M30 x 1,5
Nut	Size	SW17	SW24	SW36
	Thickness mm	4	4	5
Max tightening torque Nm		15	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:

These sensors are able to work with either direct or alternating current. Voltage drop and residual current are very low. They are not polarized and the load can be connected either of the leads. In many applications they can be used to replace mechanical microswitches.

Technical data:

- Supply voltage (U_B): 10 ÷ 50 Vdc/Vac
- Electrical system frequency: 40 ÷ 60 Hz
- Off-state current (I_r): ≤ 1 mA
- Minimum operational current (I_m): 5 mA
- Voltage drop (U_d): ≤ 5 V
- Temperature range: - 25° ÷ + 60°C
- Max thermal drift of sensing distance S_r: ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis max (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,35 mm² in diameter 12 mm
  0,50 mm² in diameter 18 mm
  0,75 mm² in diameter 30 mm
- Marking: II 3D Ex tc IIIC T80°C IP67 X
  II 3G Ex nAc IIC T6 X
- Protected against short-circuit and overload
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- According to: EN60079-0/EN60079-15/EN60079-31
- Shock and vibration resistance according to EN60068-2-27/EN60068-2-6

Use in hazardous area according to instruction manuals

Housing	Flush mounting / Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f) in d.c.	Max switching frequency (f) in a.c.	Rated operational current (I_e)	Nominal sensing distance (S_n) ±10%	ORDERING REFERENCES NO	ORDERING REFERENCES NC
		mm	mm	mm	mm	mm	mm	mm	Hz	Hz	mA	mm		
B - 3	•	-	43	7	-	50	4	M12 x 1	800	25	100	2	**AXM12/4600KS3GD**	**AXM12/4610KS3GD**
B - 3	•	7	36	7	-	50	4	M12 x 1	600	25	100	4	**AXM12/5600KS3GD**	**AXM12/5610KS3GD**
B - 2	•	-	58	12	-	70	5	M18 x 1	800	25	200	5	**AXM18/4A00KS3GD**	**AXM18/4A10KS3GD**
B - 2	•	10	48	12	-	70	5	M18 x 1	400	25	200	8	**AXM18/5A00KS3GD**	**AXM18/5A10KS3GD**
G	•	-	50	10	-	60	6	M30 x 1,5	400	25	200	10	**AXM30/4600KS3GD**	**AXM30/4610KS3GD**
G	•	15	35	10	-	60	6	M30 x 1,5	200	25	200	15	**AXM30/5600KS3GD**	**AXM30/5610KS3GD**

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