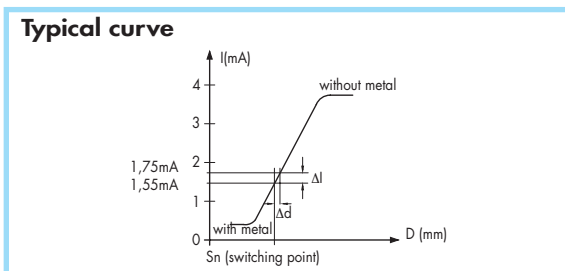
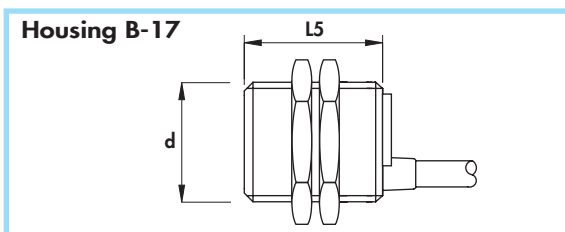
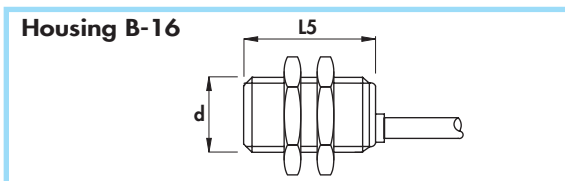
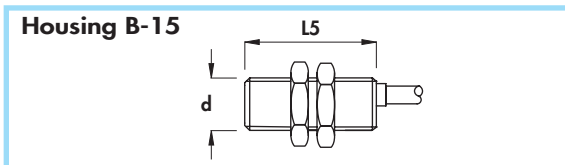
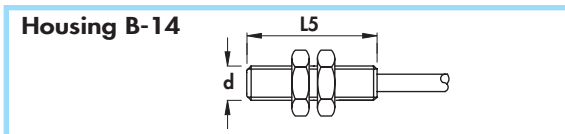


# CYLINDRICAL INDUCTIVE SENSORS IN PLASTIC HOUSING

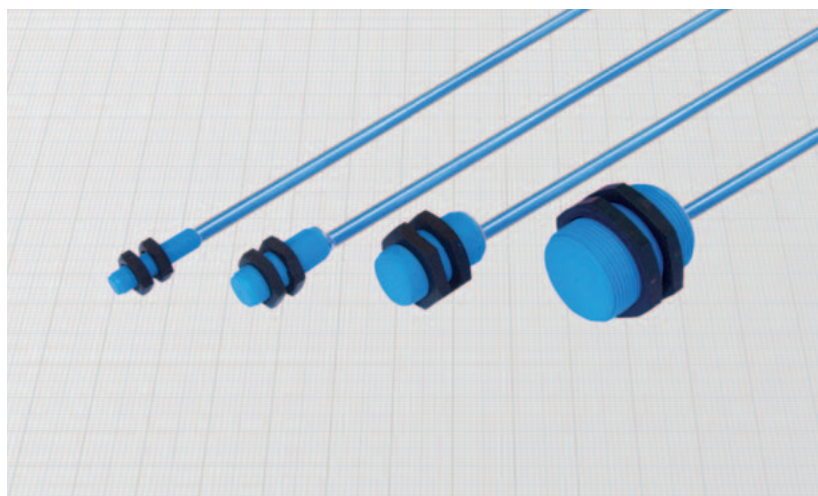
- **NAMUR SERIES**
- **Non-amplified in d.c. 2 wires**
- **Cable output**



Diameter	M8 x 1	M12 x 1	M18 x 1	M30 x 1,5
Nut	Size	SW13	SW17	SW24
	Thickness mm	4	4	5
Max tightening torque Nm	1	1	5	20

## Materials:

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



## Technical data:

- Working voltage:  $5 \div 30 \text{ Vdc}$
- Supply voltage according to NAMUR:  $7,7 \div 9 \text{ Vdc}$
- Max ripple: 10%
- Consumption at 8,2 V con  $R_x = 1000 \Omega$ 
  - with metal:  $\leq 1 \text{ mA}$
  - without metal:  $\geq 3 \text{ mA}$
- Temperature range:  $-25^\circ \div +70^\circ\text{C}$
- Max thermal drift of sensing distance  $S_n$ :  $\pm 10\%$
- Repeat accuracy (R): 2%
- Degree of protection: IP67
- Cable conductor cross section:
  - 0,35 mm<sup>2</sup> on 8 and 12 mm
  - 0,75 mm<sup>2</sup> on 18 and 30 mm
- According to EN60947-5-6
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6
- For certified ATEX version see ATEX Catalogue

Housing	Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance ( $S_n$ ) $\pm 10\%$	ORDERING REFERENCES
		mm	mm	mm	mm	mm					
B-14	•	-	-	-	-	30	4	M8 x 1	5	1,5	<b>DC8P/4600</b> <b>DC8P/5600</b>
B-14	•	-	-	-	-	30	4	M8 x 1	3	2,5	
B-15	•	-	-	-	-	30	4	M12 x 1	5	2	<b>DC12P/4600</b> <b>DC12P/5600</b>
B-15	•	-	-	-	-	30	4	M12 x 1	1	4	
B-16	•	-	-	-	-	30	5	M18 x 1	1	5	<b>DC18P/4600</b> <b>DC18P/5600</b>
B-16	•	-	-	-	-	30	5	M18 x 1	0,5	8	
B-17	•	-	-	-	-	35	5	M30 x 1,5	0,3	10	<b>DC30P/4600</b> <b>DC30P/5600</b>
B-17	•	-	-	-	-	35	5	M30 x 1,5	0,2	15	