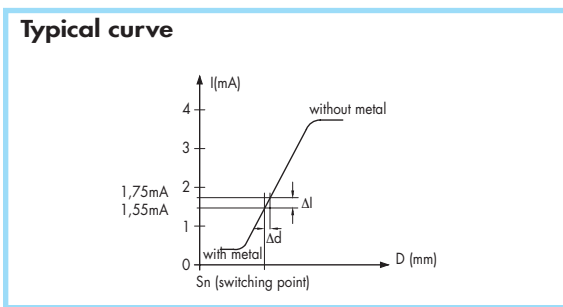
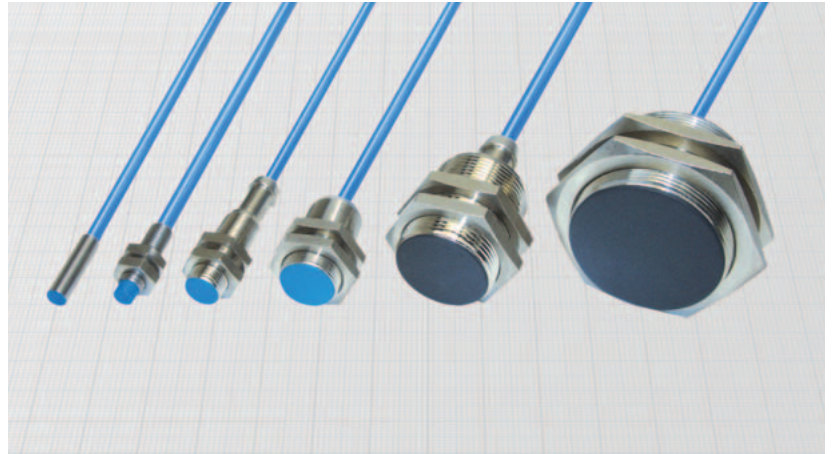
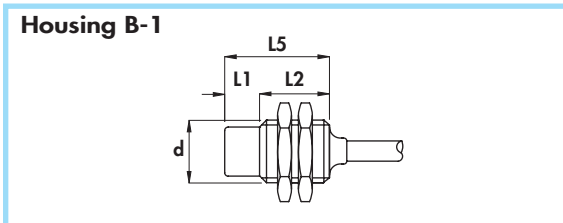
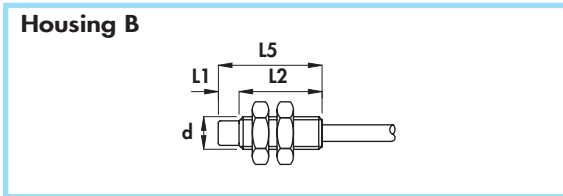
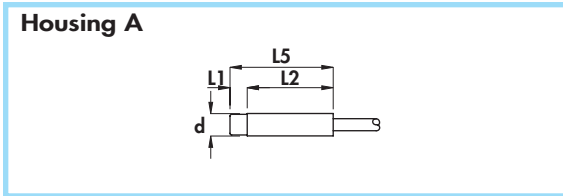




NAMUR SERIES for high temperatures (-20° ÷ + 110°C) •
ATEX certified II 1GD for zone 0;20 •
Cable output •



Diameter	M8 x 1	M12 x 1	M18 x 1	M30 x 1,5	M45 x 1,5
Nut	Size	SW13	SW17	SW24	SW36
	Thickness mm	4	4	4	5
Max tightening torque Nm	10	15	35	80	70

Materials:

- Cable: 2 m- thermoplastic 140°C; 300 V; O.R.
- Housing 6,5 - 8 mm: stainless steel
- Housing 12 ÷ 45 mm: nickel plated brass
- Sensing face: plastic

Technical data:

- Supply voltage according to NAMUR: 7,7 ÷ 9 Vdc
- Max ripple: 10%
- Consumption at 8,2 V with Rx = 1000 Ω
 - with metal: ≤ 1 mA
 - without metal: ≥ 3 mA
- Temperature range: - 20° ÷ + 110°C
- Max thermal drift of sensing distance S_n: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection according to EN60529: IP67
- Cable conductor cross section: 0,35 mm² on 6,5 ÷ 12 mm; 0,75 mm² on 18 ÷ 45 mm

• Marking:



- Certified CESI 03 ATEX 080
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- According to: EN60947-5-6/EN50014/EN50020/EN50281-1-1/EN50284
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Safety parameters:

- Vi max: 13,5 V
- Ii max: 60 mA
- Ci max: 100 nF
- Li max: 100 µH
- Pi max: 200 mW

Use in hazardous area according to instruction manuals

Housing	Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Nominal sensing distance (S _n) ± 10%	Max switching frequency (f)	ORDERING REFERENCES
		mm	mm	mm	mm	mm					
A	•	-	25	-	-	25	4	6,5	1,5	5	DC6,5/4600LTA
B	•	-	25	-	-	25	4	M8 x 1	1,5	5	DC8/4600TA
B	•	-	30	-	-	30	4	M12 x 1	2	5	DC12/4600TA
B-1	•	-	30	-	-	30	5	M18 x 1	5	1	DC18/4600TA
B-1	•	-	35	-	-	35	5	M30 x 1,5	10	0,3	DC30/4600TA
B-1	•	-	35	-	-	35	5	M45 x 1,5	20	0,3	DC45/4600TA

