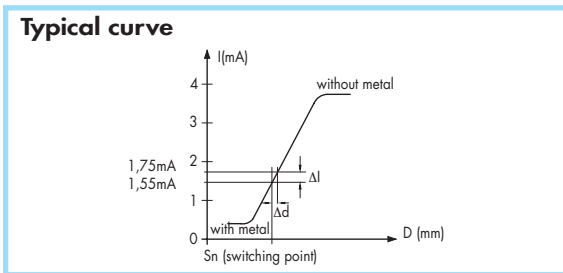
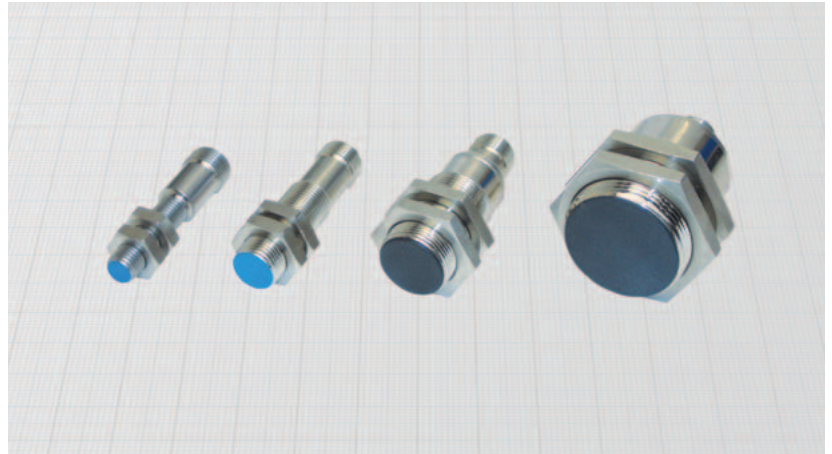
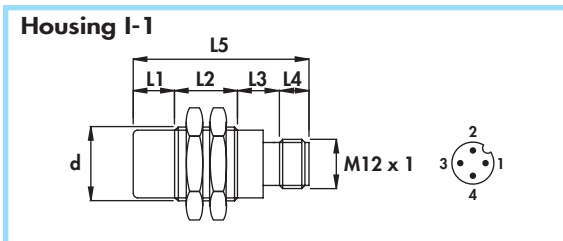
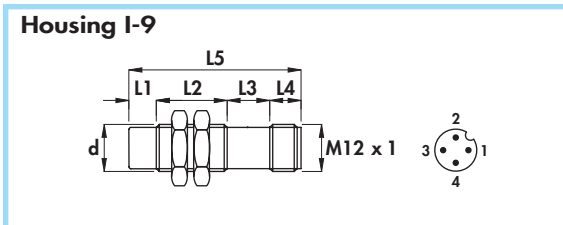
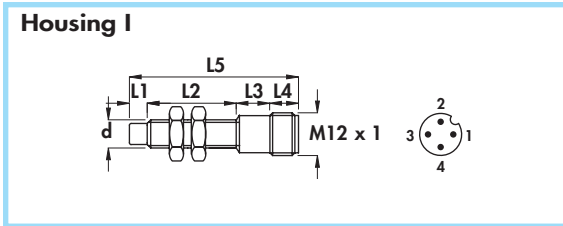




NAMUR SERIES •
ATEX certified II 1GD for zone 0;20 •
 Connector output M12x1 •



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

Materials:

- Housing 8 mm: stainless steel
- Housing 12 - 18 - 30 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° ÷ +60°C
- Max thermal drift of sensing distance S_r: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection according to EN60529: IP67
- Marking: II 1D IP67 T80°C
II 1G EEx ia IIC T6
- 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:

- V_i max: 13,5 V
- I_i max: 60 mA
- C_i max: 100 nF
- L_i max: 100 µH
- P_i max: 200 mW

Use in hazardous area according to instruction manuals

Housing	Mounting Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Female connector Atex	Body diameter (d)	Nominal sensing distance (S _n) ± 10%	Max switching frequency (f)	ORDERING REFERENCES
		mm	mm	mm	mm	mm					
I	•	-	26	13	8	47	8B-10	M8 x 1	1,5	4	DC8/4300A DC8/5300A
	•	5	21	13	8	47	8B-10	M8 x 1	2,5	3	
I-9	•	-	30	10	8	48	8B-10	M12 x 1	2	2	DC12/4300A DC12/5300A
	•	7	23	10	8	48	8B-10	M12 x 1	4	1	
I-1	•	-	25	15	8	48	8B-10	M18 x 1	5	0,8	DC18/4300A DC18/5300A
	•	10	15	15	8	48	8B-10	M18 x 1	8	0,6	
I-1	•	-	25	17	8	50	8B-10	M30 x 1,5	10	0,8	DC30/4300A DC30/5300A
	•	15	25	17	8	65	8B-10	M30 x 1,5	15	0,4	

