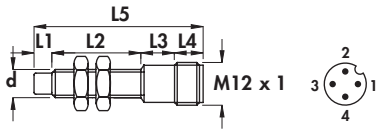
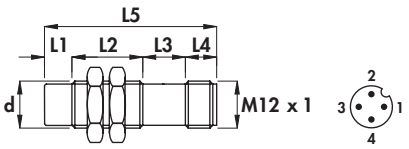
• NAMUR SERIES
• Non amplified in d.c.
• Connector output M12 x 1

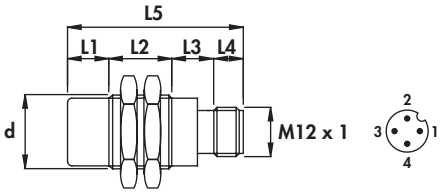
Housing I



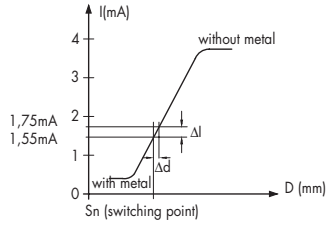
Housing I-9



Housing I-1



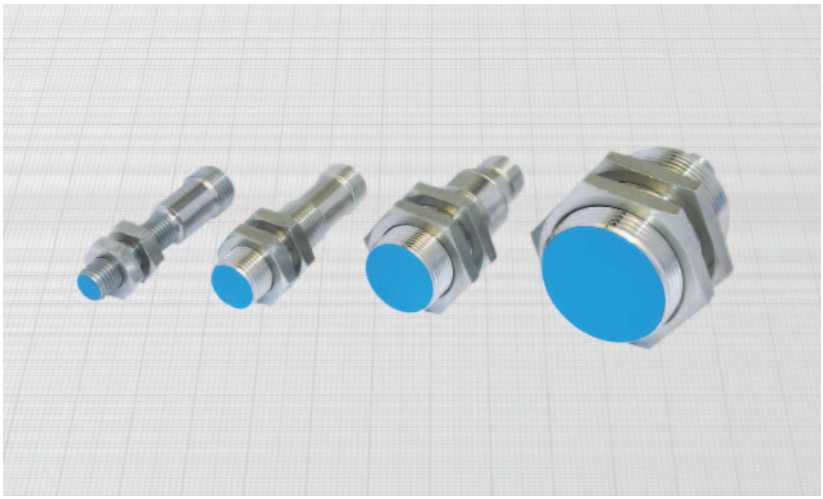
Typical curve



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

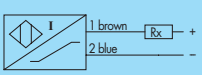
Materials:

- Housing 8 mm: stainless steel
- Housing 12 - 18 - 30 mm: nickel plated brass
- Sensing face: plastic



Technical data:

- Working voltage: 5 ÷ 30 Vdc
- 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: - 25° ÷ + 70°C
- Max thermal drift of sensing distance S_r: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection: IP67
- According to EN60947-5-6
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- 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	Female connector	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance (S_n) ± 10%	ORDERING REFERENCES
		mm	mm	mm	mm	mm	n°	mm	KHz	mm	
I	•	-	26	13	8	47	6 - 8B - 10	M8 x 1	4	1,5	**DC8/4300**
I	•	5	21	13	8	47	6 - 8B - 10	M8 x 1	3	2,5	**DC8/5300**
I-9	•	-	30	10	8	48	6 - 8B - 10	M12 x 1	2	2	**DC12/4300**
I-9	•	7	23	10	8	48	6 - 8B - 10	M12 x 1	1	4	**DC12/5300**
I-1	•	-	25	15	8	48	6 - 8B - 10	M18 x 1	0,8	5	**DC18/4300**
I-1	•	10	15	15	8	48	6 - 8B - 10	M18 x 1	0,6	8	**DC18/5300**
I-1	•	-	25	17	8	50	6 - 8B - 10	M30 x 1,5	0,8	10	**DC30/4300**
I-1	•	15	25	17	8	65	6 - 8B - 10	M30 x 1,5	0,4	15	**DC30/5300**

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