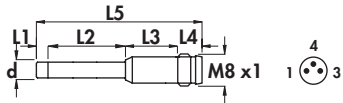
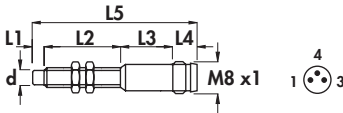


**NAMUR SERIES •**  
**Non amplified in d.c. •**  
**Connector output M8 x 1 •**

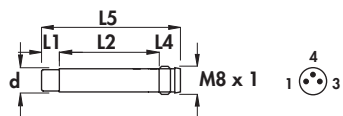
**Housing I-3**



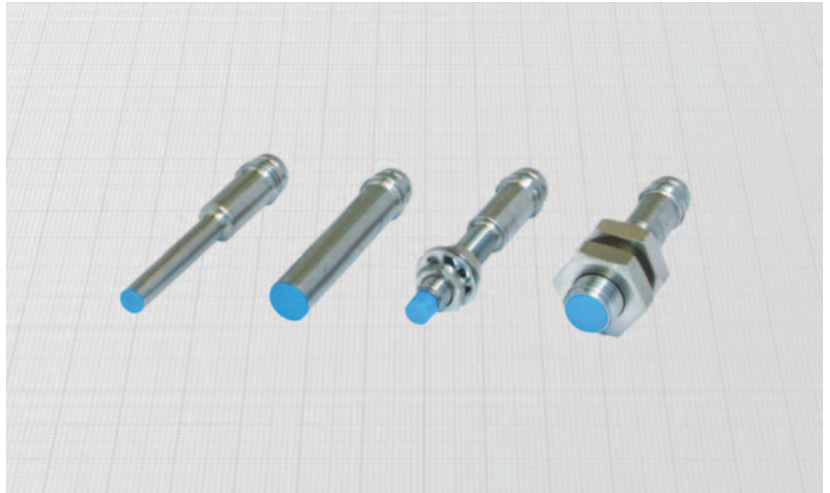
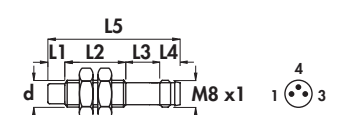
**Housing I-4**



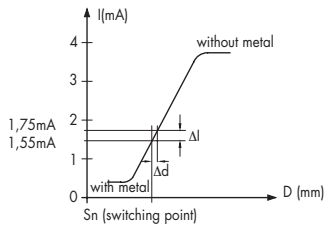
**Housing I-8**



**Housing I-6**



**Typical curve**



Diameter	M5 x 0,5	M8 x 1
Nut	Size	SW7
	Thickness mm	2,5
Max tightening torque Nm	2	10

**Materials:**

- Housing: stainless steel
- 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<sub>n</sub>: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection: IP67
- 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

Housing	Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Female connector	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance (S <sub>n</sub> ) ± 10%	ORDERING REFERENCES
		mm	mm	mm	mm	mm					
I-3	•	-	22	12	5,5	39,5	11-12	4	5	0,8	<b>DC4/4900L</b>
I-4	•	-	22	12	5,5	39,5	11-12	M5 x 0,5	5	0,8	<b>DC5/4900</b>
I-8	•	-	29,5	-	5,5	35	11-12	6,5	4	1,5	<b>DC6,5/4900L</b>
I-8	•	5	24,5	-	5,5	35	11-12	6,5	3	2,5	<b>DC6,5/5900L</b>
I-6	•	-	21	8,5	5,5	35	11-12	M8 x 1	4	1,5	<b>DC8/4900</b>
I-6	•	5	16	8,5	5,5	35	11-12	M8 x 1	3	2,5	<b>DC8/5900</b>

