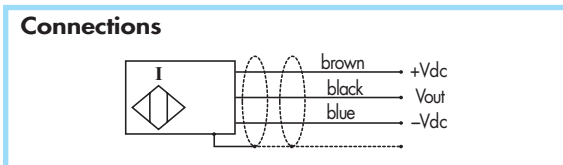
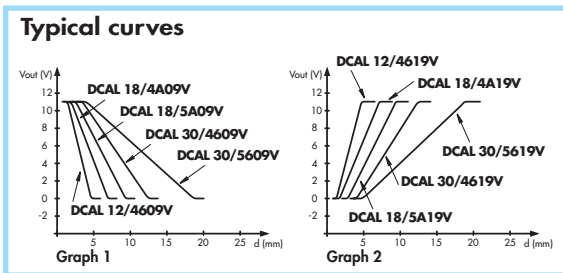
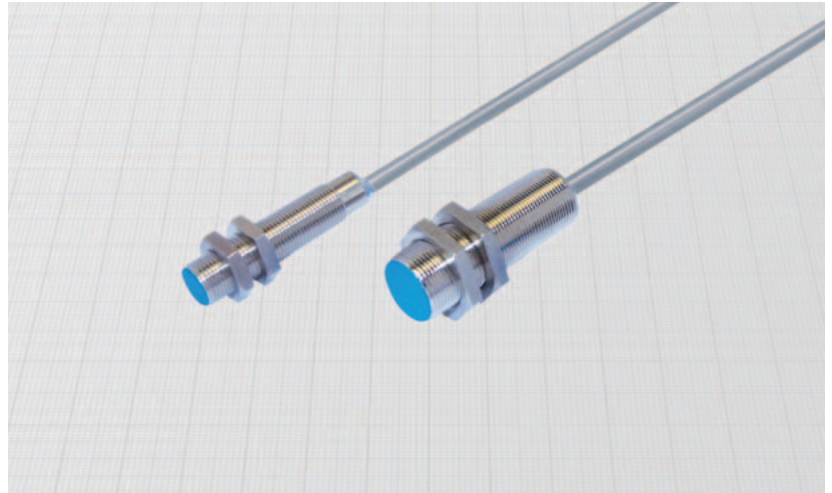
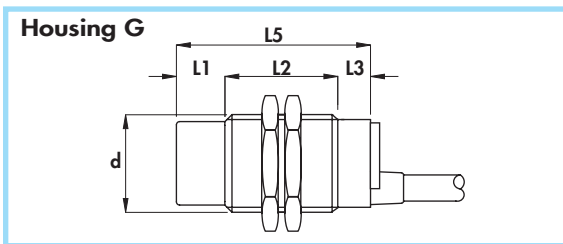
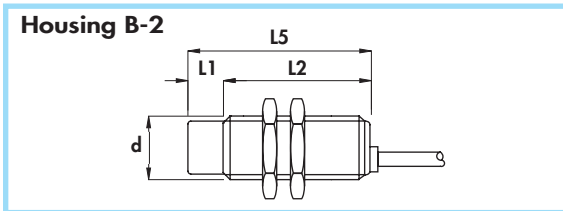
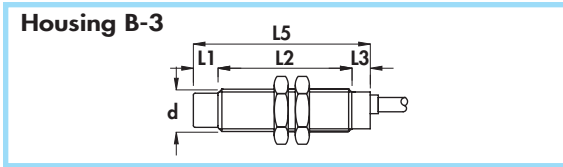


Analogue with linear voltage output •

Cable output •



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

**Materials:**

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

**General Features:**

These inductive proximity sensors provide an output voltage 0÷10V directly or reversely proportional to the distance between the sensing face and the metal target. The output voltage is also dependent by the material of the target, so they can be used not only to detect distances, displacements, vibrations and wavings but also to recognize the composition of metals and alloys.

**Technical data:**

- Supply voltage: 15 ÷ 40 Vdc
- Max ripple: 20%
- Voltage drop output: 0 ÷ 10 V
- Temperature range: -10° ÷ +70°C
- Max thermal drift: < 10%
- Degree of protection: IP67
- Cable conductor cross section: 0,22 mm<sup>2</sup> + shield on 12 mm  
0,35 mm<sup>2</sup> + shield on 18 - 30 mm
- Electromagnetic compatibility (EMC) according to EN61000-6-2/-4
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Housing	Flush mounting Non flush mounting	L1	L2	L3	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Repeat accuracy	Maximum linearity error	No. load supply current	Measure range	ORDERING REFERENCES	
													INVERSELY PROPORTIONAL Graph 1	DIRECTLY PROPORTIONAL Graph 2
													mm	mm
B-3	•	-	43	7	50	4	M12 x 1	250	0,5	3	4	1 ÷ 4	DCAL12/4609V	DCAL12/4619V
B-2	•	-	50	-	50	5	M18 x 1	250	0,5	3	4	2 ÷ 7	DCAL18/4A09V	DCAL18/4A19V
B-2	•	10	40	-	50	5	M18 x 1	250	0,5	3	4	3 ÷ 9	DCAL18/5A09V	DCAL18/5A19V
G	•	-	50	10	60	5	M30 x 1,5	250	0,5	5	4	4 ÷ 12	DCAL30/4609V	DCAL30/4619V
G	•	15	35	10	60	5	M30 x 1,5	250	0,5	5	4	5 ÷ 18	DCAL30/5609V	DCAL30/5619V