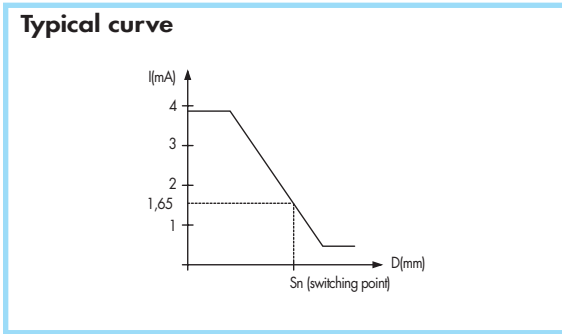
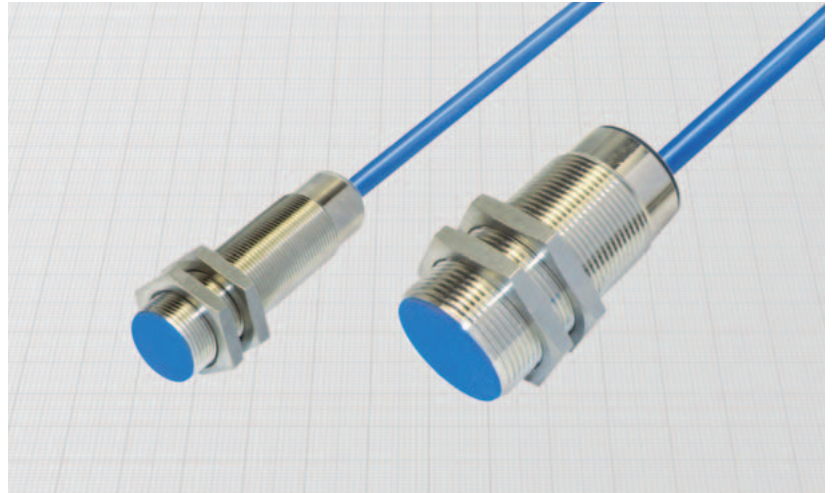
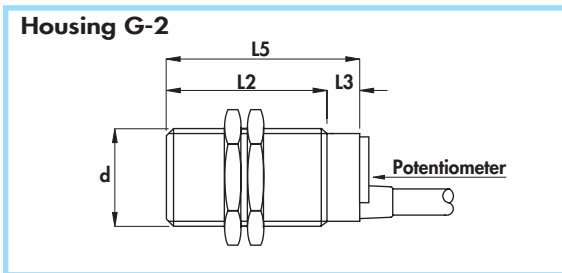
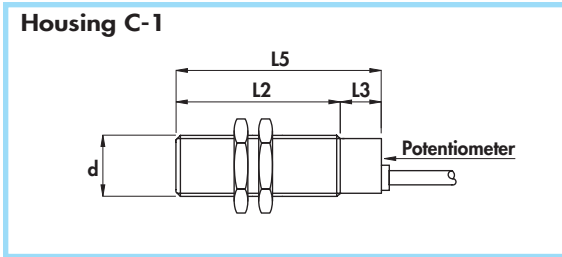


**NAMUR SERIES •**  
**Non-amplified in d.c. 2 wires •**  
**Cable output •**



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

**Materials:**

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

**General Features:**

Capacitive sensors are suitable for any material detection. Some material, mostly if liquids, can be detected also through plastic or glass walls. They can be used for the most different applications: level controls on storage bin or tanks; detection of presence or filling of bottles; rain sensor; anti-vandalic key; etc. The adjustment of the sensing distance is possible through the potentiometer on the back cap.

**Safety parameters:**

- Working voltage: 7 ÷ 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: ≥ 2,2 mA
  - without metal: ≤ 1 mA
- Temperature range: - 25° ÷ + 70°C
- Max thermal drift of sensing distance S<sub>n</sub>: ± 20%
- Repeat accuracy (R): 4%
- Degree of protection: IP65
- Cable conductor cross section: 0,75 mm<sup>2</sup>
- 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	Cable diameter	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance (S <sub>n</sub> ) ±10%	ORDERING REFERENCES
		mm	mm	mm	mm	mm					
C - 1	•	-	50	10	-	60	5	M18 x 1	100	2 ÷ 5	<b>NKS18/4600</b>
G - 2	•	-	50	10	-	60	5	M30 x 1,5	100	4 ÷ 10	<b>NKS30/4600</b>

