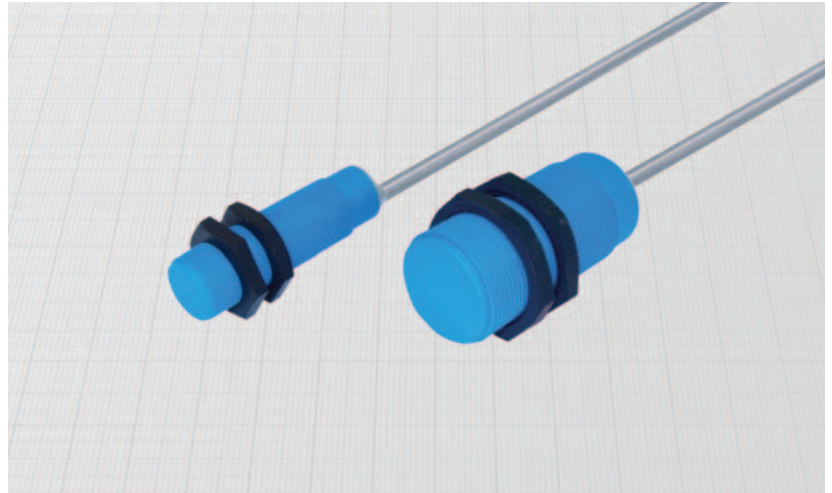
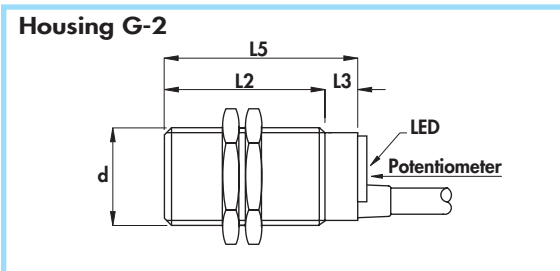
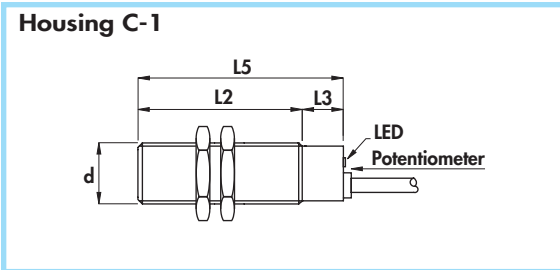


Amplified in a.c. 2 wires •
 Diameters 18 - 30 mm •
 Cable output •



Diameter		M18 x 1	M30 x 1,5
Nut	Size	SW24	SW36
	Thickness mm	4	5
Max tightening torque Nm		5	20

Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: plastic
- 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 close to the LED.

Technical data:

- Supply voltage (U_B): 20 ÷ 240 Vac
- Electrical system frequency: 40 ÷ 60 Hz
- Off-state current (I_o): ≤ 1,5 mA at 110 Vac
- Minimum operational current (I_m): 5 mA
- Voltage drop (U_d): ≤ 7 V
- Temperature range: - 25° ÷ + 70°C
- Max thermal drift of sensing distance S_r : ± 20%
- Repeat accuracy (R): 4%
- Switching hysteresis max (H): 15%
- Degree of protection: IP65
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,50 mm² on 18 mm
0,75 mm² on 30 mm
- Suppression of initial false impulse
- Class 2 equipment according to IEC 536
- Shock and vibration according to EN60068-2-27 EN60068-2-6
- Electromagnetic compatibility (EMC) according to EN60947-5-2

Housing	Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Rated operational current (I _e)	Nominal sensing distance (S _n) ± 10%	ORDERING REFERENCES	
		mm	mm	mm	mm	mm							
C - 1	•	-	50	10	-	60	5	M18 x1	10	250	2 ÷ 5	AKS18P/4609S	AKS18P/4619S
C - 1	•	-	50	10	-	60	5	M18 x1	10	250	3 ÷ 10	AKS18P/5609S	AKS18P/5619S
G - 2	•	-	50	10	-	60	6	M30 x1,5	10	250	3 ÷ 10	AKS30P/4609S	AKS30P/4619S
G - 2	•	-	50	10	-	60	6	M30 x1,5	10	250	5 ÷ 20	AKS30P/5609S	AKS30P/5619S