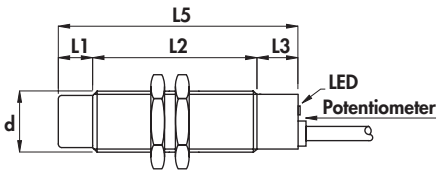
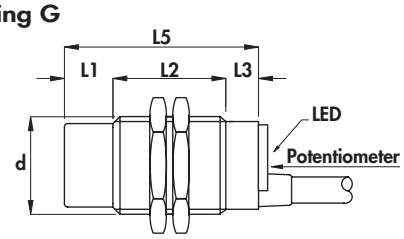
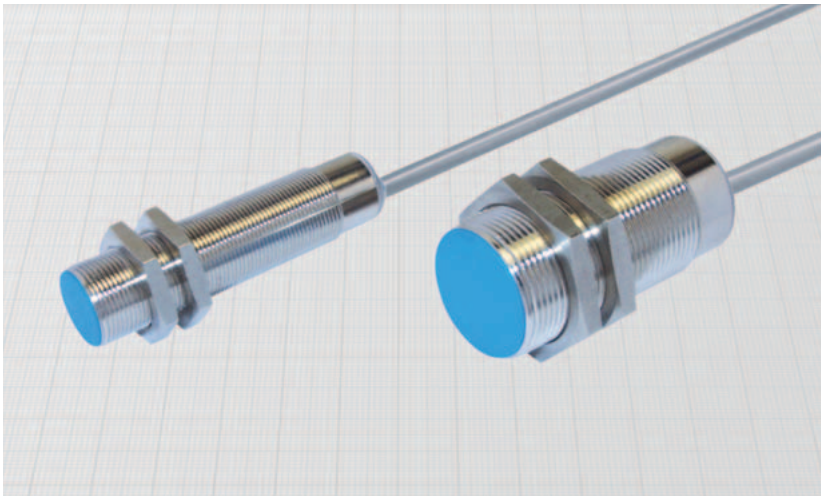
• Amplified in d.c. 4 wires
• Cable output

Housing C



Housing G





Diameter		M18 x 1	M30 x 1,5
Nut	Size	SW24	SW36
	Thickness mm	4	5
Max tightening torque Nm		35	80

Materials:

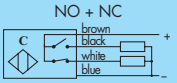
- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: nickel plated brass
- Sensing face: plastic

General Features:

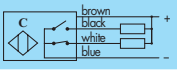
Capacitive sensors are suitable for any material detection. Some material, mostly if liquids, can be detected also through plastic or glass walls. They can be used for the most different applications: level controls on storage bin or tanks; detection of presence or filling of bottles; rain sensor; anti-vandalic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

Technical data:

- Supply voltage (U_B): 10 ÷ 60 Vdc
- Max ripple: 10%
- No-load supply current (I_o): ≤ 10 mA
- Voltage drop (U_d): ≤ 2,2 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: 0,35 mm² on 18 mm
  0,50 mm² on 30 mm
- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

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	mm	mm	Hz	mA	mm	PNP (positive switching)
												NO + NC 
C	•	-	50	10	-	60	5	M18 x1	100	400	2 ÷ 5	**BKS18/4629KS**
C	•	10	40	10	-	60	5	M18 x1	100	400	3 ÷10	**BKS18/5629KS**
G	•	-	50	10	-	60	6	M30 x1,5	100	400	3 ÷10	**BKS30/4629KS**
G	•	15	35	10	-	60	6	M30 x1,5	100	400	5 ÷ 20	**BKS30/5629KS**

NPN (negative switching)
Use the above mentioned part number changing the last number 9 with 8 (ie. BKS18/4628KS)

NO + NC 

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