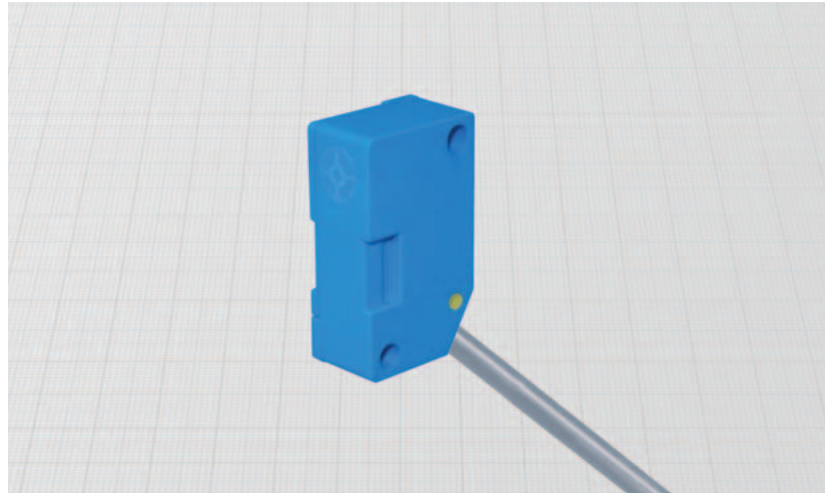
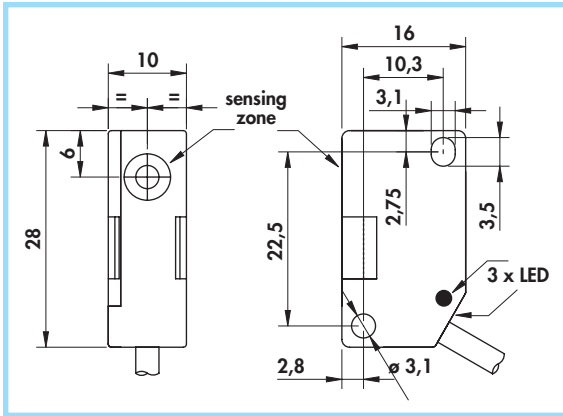


Type Z •
Amplified in d.c. 2 wires non polarized •
Cable output •



Materials:

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

General Features:

These sensors are not polarized and the load can be connected on both positive and negative lead (function PNP or NPN). So they can replace traditional mechanical microswitches in many applications. They have shape and fixing holes as V3 standard microswitches. The particular cable position allows the mounting on every side of the housing. The output status is indicated by LED visible from 3 sides.

Technical data:

- Supply voltage (U_B): 10 ÷ 48 Vdc
- Max ripple: 10%
- Off-state current (I_o): ≤ 1 mA
- Minimum operational current (I_m): 5 mA
- Voltage drop (U_d) con $I_e = 10$ mA: ≤ 5 V
- Voltage drop (U_d) con $I_e = 100$ mA: ≤ 6 V
- Temperature range: -25° ÷ +70°C
- Max thermal drift of sensing distance S_r : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,35 mm²
- Protected against short-circuit and overload
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Flush mounting Non flush mounting	Cable diameter	Sensing zone diameter	Rated operational current (I_e)	Max switching frequency (f)	Nominal sensing distance (S_n) ± 10%	ORDERING REFERENCES	
						NO	NC
•	4 mm	9 mm	100 mA	2 KHz	2 mm		
•	4 mm	9 mm	100 mA	1,5 KHz	4 mm	DCMZ/4600KS	DCMZ/4610KS
						DCMZ/5600KS	DCMZ/5610KS