Proximity Sensors Inductive Rectangular Plastic Housings Types IC, Cable





Plastic housing

- Sensing distance: 4 mm
- Non-flush mounting
- Output: Transistor, NPN/PNP, normally open
- Power supply: 10 to 30 VDC
- 2 m PVC cable

Product Description

Inductive proximity sensor in rectangular plast housing. This series is suitable for the control of axial and rotational movements. Output configured as PNP or NPN, normally open. Connection with 2 m PVC cable.

Ordering Key	IC 17 CNC 04 NO-
Ind. prox. switch Housing style Housing material Housing length Detection principle Sensing distance Output type Output configuration	

Type Selection

Rated op. dist. (S _n)	Connection	Housing dimensions [mm]	Ordering no. Transistor, NPN Normally open	Ordering no. Transistor, PNP Normally open
4 mm	Cable	17.5 x 17 x 28.5	IC 17 CNC 04 NO-K	IC 17 CNC 04 PO-K

Specifications

Rated operational volt. (U_B)	10 to 30 VDC (ripple included)
Ripple	≤10%
Rated operational current (I _e) Continuous	≤ 100 mA @ 25°C
No-load supply current (l _o)	≤ 12 mA (ON)
Voltage drop (U _d)	< 1 V (@ I _{max}
Frequency of op. cycles (f)	500 Hz
Indication for output ON	LED, yellow

Sensing distance	4 mm
Effective operating dist. (S _r)	$0.9 \ x \ S_n \le S_r \le 1.1 \ x \ S_n$
Usable operating dist. (S _u)	$0.85 \; x \; S_r \leq S_u \leq 1.15 \; x \; S_r$
Ambient temperature Operating Storage	-25° to +70°C (-13° to +158°F) -30° to +75°C (-22° to +167°F)
Degree of protection	IP 67 (Nema 1, 3, 4, 6, 13)
Housing material	Plastic
CE-marking	Yes
Connection	Cable, 2 m, PVC, AWG 26



Wiring Diagrams





Dimensions



Installation Hints

