# **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-K
Ind. prox. switch Housing style Housing size Housing material Housing length Detection principle Sensing distance Output type Output configuration	

### **Type Selection**

Rated op. dist. (S <sub>n</sub> )	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 <sub>e</sub> ) Continuous	≤ 100 mA @ 25°C
No-load supply current ( $I_o$ )	≤ 12 mA (ON)
Voltage drop (U <sub>d</sub> )	< 1 V (@ I <sub>max</sub>
Frequency of op. cycles (f)	500 Hz
Indication for output ON	LED, yellow

Sensing distance	4 mm
Effective operating dist. (S <sub>r</sub> )	$0.9 \ x \ S_n \le S_r \le 1.1 \ x \ S_n$
Usable operating dist. (S <sub>u</sub> )	$0.85 \; x \; S_r \leq S_u \leq 1.15 \; x \; S_r$
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**

