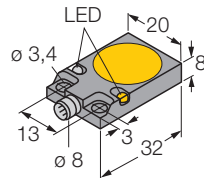


capacitive sensor

BC5-Q08-AP6X2-V1131/S250

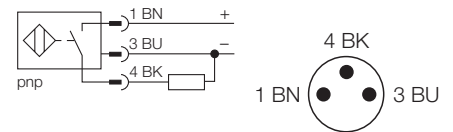
TURCK

Industrial
Automation



- Rectangular, height 8mm
- top active face
- metal, GD-Zn
- connector with snap-lock
- fixed adjustments
- 3-wire DC, 10...30 VDC
- normally open, pnp output
- flange connector, Ø 8 mm

Wiring diagram



Capacitive proximity switches are designed for non-contact and wear-free detection of metal (electrically conductive) and non-metal (electrically non-conductive) objects.

Type	BC5-Q08-AP6X2-V1131/S250
Ident-No.	26210

Rated operating distance Sn	5 mm, flush mounting
Rated operating distance Sn	5 mm, non-flush mounting
Hysteresis	2... 20 %
Temperature drift	≤ ± 20 %
Repeatability	≤ 2 %
Ambient temperature	-25...+ 70 °C

Operating voltage	10... 30VDC
Residual ripple	≤ 10 % U _{ss}
DC rated operational current	≤ 200 mA
No-load current I ₀	≤ 15 mA
Residual current	≤ 0.1 mA
Switching frequency	≤ 0.1 kHz
Rated insulation voltage	≤ 0.5 kV
Output function	3-wire, normally open, pnp
Short-circuit protection	yes / cyclic
Voltage drop at I _e	≤ 1.8V
Wire breakage / Reverse polarity protection	yes / complete

Housing	rectangular, Q08
Dimensions	32 x 20 x 8 mm
Housing material	metal, GD-Zn
Material active face	plastic, PA12-GF30
Connection	connectors, flange connector, Ø 8 mm
Vibration resistance	55 Hz (1 mm)
Shock resistance	30g (11 ms)
Degree of protection	IP67

Operating voltage display	LED green
Display switch state	LED yellow

capacitive sensor
BC5-Q08-AP6X2-V1131/S250



Accessories

Type code	Ident-No.	Short text	Dimension drawing
MW-Q08/Q10	6945007	mounting bracket; material VA 1.4301	