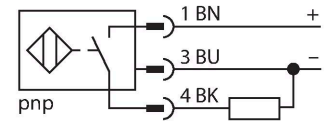


BI7-Q08-AP6X2-0.2-PSG3M Inductive sensor

Features

- Rectangular, height 8 mm
- Active face on top
- Metall, zinc die casting
- DC 3-wire, 10...30 VDC
- NO contact, PNP output
- Pigtail with male end M8 x 1

Wiring diagram



Technical data

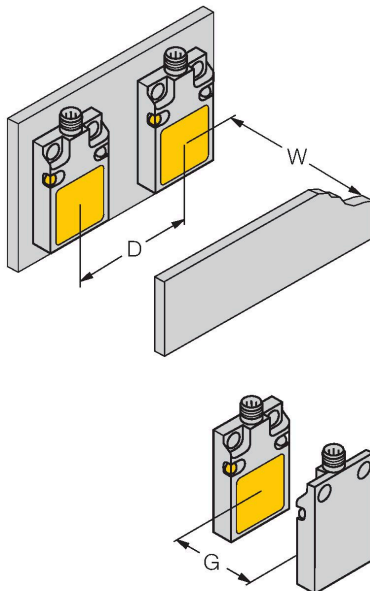
Type	BI7-Q08-AP6X2-0.2-PSG3M
Ident. no.	1601699
Rated switching distance	7 mm
Mounting conditions	Flush
Repeat accuracy	≤ 2 % of full scale
Hysteresis	3...15 %
Operating voltage	10...30 VDC
Residual ripple	≤ 10 % U _{ss}
DC rated operational current	≤ 200 mA
No-load current	≤ 15 mA
Residual current	≤ 0.1 mA
Isolation test voltage	≤ 0.5 kV
Short-circuit protection	yes / Cyclic
Voltage drop at	≤ 1.8 V
Wire breakage/Reverse polarity protection	yes / Complete
Output function	3-wire, NO contact, PNP
Switching frequency	0.5 kHz
Design	Rectangular,Q08
Dimensions	32 x 20 x 8 mm
Housing material	Metal, GD-Zn
Active area material	Plastic, PA12-GF30, yellow
Electrical connection	Cable with connector, M8 x 1
Cable quality	Ø 4 mm, LifY-11Y, PUR, 0.2 m
Core cross-section	3 x 0.25 mm ²

Technical data

Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Protection class	IP67
Power-on indication	LED, Green
Switching state	LED, Yellow

Mounting instructions

Mounting instructions/Description



Distance D	40 mm
Distance W	24 mm
Distance G	48 mm
Width active area B	20 mm