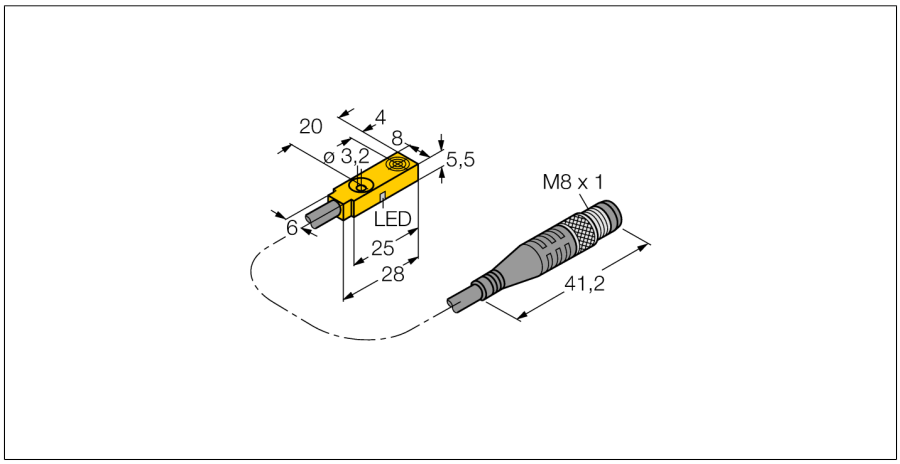
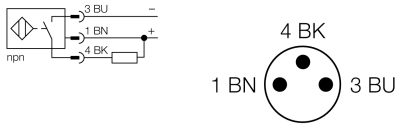
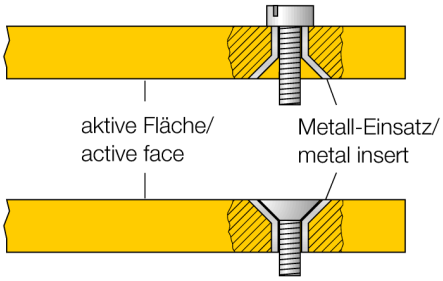
BI2-Q5,5-AN6X-0,3-PSG3M



- **Rectangular, height 5.5 mm**
- **Active face on top**
- **Plastic, PP**
- **3-wire DC, 10…30 VDC**
- **NO contact, NPN output**
- **Male M8 x 1**

Wiring diagram



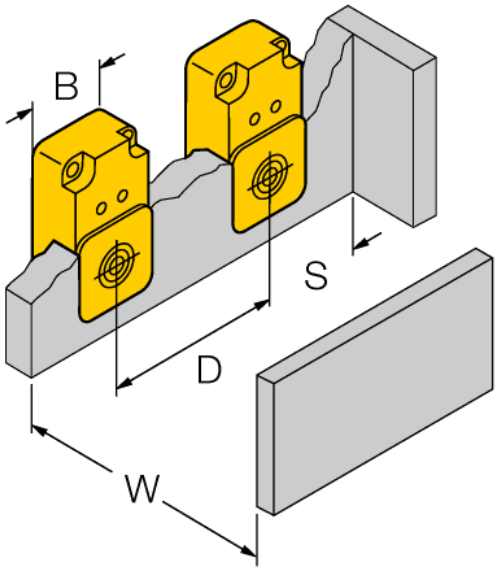


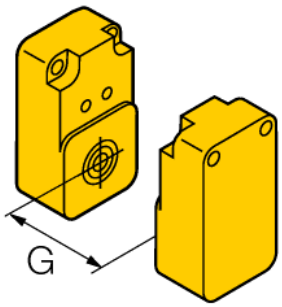
Type code	BI2-Q5,5-AN6X-0,3-PSG3M
Ident no.	1613110
Rated operating distance Sn	2 mm
Mounting condition	flush
Repeatability	≤ 2 % of full scale
Hysteresis	3…15 %
Operating voltage	10…30VDC
Residual ripple	≤ 10 % U_{ss}
DC rated operational current	≤ 150 mA
No-load current I_0	≤ 15 mA
Residual current	≤ 0.1 mA
Rated insulation voltage	≤ 0.5 kV
Short-circuit protection	yes/ cyclic
Voltage drop at I_e	≤ 1.8 V
Wire breakage / Reverse polarity protection	yes/ complete
Output function	3-wire, NO contact, NPN
Switching frequency	2 kHz
Design	rectangular, Q5.5
Dimensions	28 x 8 x 5.5 mm
Housing material	plastic, PP
Material coupling nut	metal, CuZn, nickel-plated
Tightening torque fixing screw	0.5 Nm
Connection	male, M8 x 1
Cable quality	3 mm, grey, Lif9Y-11Y, PUR, 0.3 m Suited for E-ChainSystems® acc. to manufacturers declaration H1063M
Cable cross section	3 x 0.14 mm²
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Switching state	LED yellow

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Distance D	2 x B
Distance W	3 x Sn
Distance S	1 x B
Distance G	6 x Sn

Width of the active face B	8 mm





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