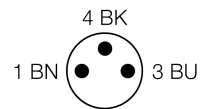
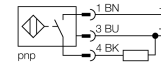


- Rectangular, height 8 mm
- Active face on top
- Plastic, PP
- Factor 1 for all metals
- Increased switching distance
- Resistant to magnetic fields
- Mountable on metal
- 3-wire DC, 10...30 VDC
- NO contact, PNP output
- Pigtail with male end M8 x 1

**Wiring diagram**



<b>Type code</b>	NI10U-QP08-AP6X2-0,3-PSG3M
<b>Ident no.</b>	1662017
<b>Rated operating distance Sn</b>	10 mm
Mounting condition	non-flush
Assured sensing range	≤ (0,81 x Sn) mm
Repeatability	≤ 2 % of full scale
Temperature drift	10 %
Hysteresis	3...15 %
Ambient temperature	-25...+70 °C
<b>Operating voltage</b>	10...30VDC
Residual ripple	≤ 10 % U <sub>is</sub>
DC rated operational current	≤ 200 mA
No-load current I <sub>0</sub>	≤ 15 mA
Residual current	≤ 0.1 mA
Rated insulation voltage	≤ 0.5 kV
Short-circuit protection	yes/ cyclic
Voltage drop at I <sub>0</sub>	≤ 1.8 V
Wire breakage / Reverse polarity protection	yes/ complete
Output function	3-wire, NO contact, PNP
Protection class	□
Switching frequency	0.25 kHz
<b>Design</b>	rectangular, QP08
Dimensions	32 x 20 x 8 mm
Housing material	plastic, PP, yellow
Connection	cable with connector, 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 mm <sup>2</sup>
Vibration resistance	55 Hz (1 mm)
Shock resistance	30 g (11 ms)
Protection class	IP67
MTTF	874 years acc. to SN 29500 (Ed. 99) 40 °C
<b>Power-on indication</b>	LED green
Switching state	LED yellow

**Functional principle**

Inductive sensors detect metal objects contactless and wear-free. Due to the patented multi-coil system, *uprox*®+ sensors have distinct advantages over conventional sensors. They excel in largest switching distances, maximum flexibility and operational reliability as well as efficient standardization.

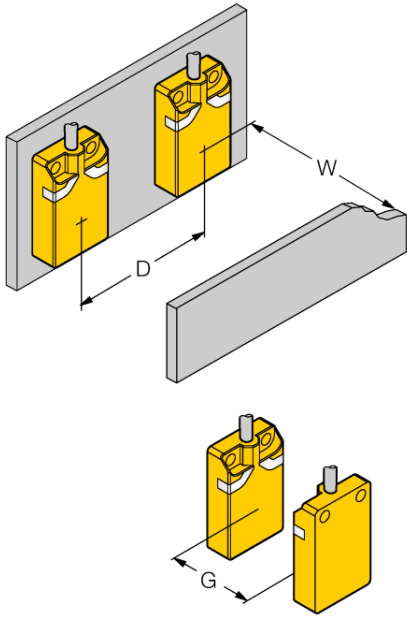
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Distance D	40 mm
Distance W	24 mm
Distance G	48 mm

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Width of the active face B	20 mm
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Mounting on metal: