

**Overview**

- 6 mm
- PNP make function (NO)
- connector M12
- -25 ... 75 °C
- IP 67



Picture similar



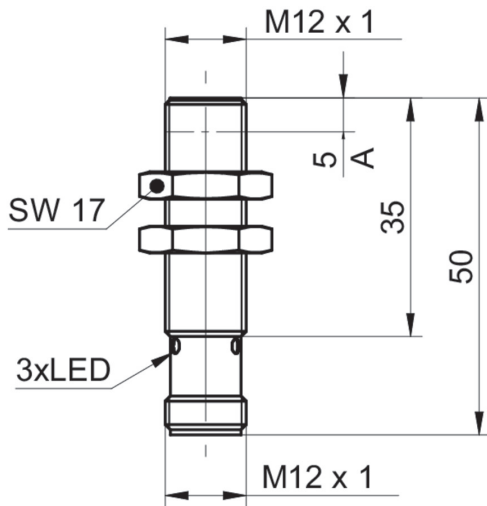
**Technical data**

General data		Electrical data	
Mounting type	Flush	Voltage drop Vd	< 2 VDC
Special type	Enhanced distance (GammaProx)	Output current	< 100 mA
Nominal sensing distance Sn	6 mm	Short circuit protection	Yes
Temperature drift	± 10 %	Reverse polarity protection	Yes
Hysteresis	3 ... 20 % of Sr	Mechanical data	
Output indicator	3 port LED red	Type	Cylindrical threaded
Correction factor typ.	Mild steel 100 %, stainless steel 75 %, aluminum 45 %	Material (sensing face)	PBT
Electrical data		Housing material	Brass nickel plated
Switching frequency	< 1 kHz	Dimension	12 mm
Voltage supply range +Vs	6 ... 36 VDC	Housing length	50 mm
Current consumption max. (no load)	10 mA	Connection types	Connector M12
Output circuit	PNP make function (NO)	Tightening torque max.	15 Nm (A: 10 Nm)
		Ambient conditions	
		Operating temperature	-25 ... +75 °C
		Protection class	IP 67

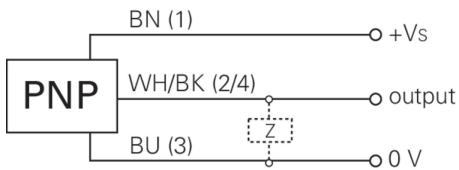
**Remarks**

- Triple sensing distance

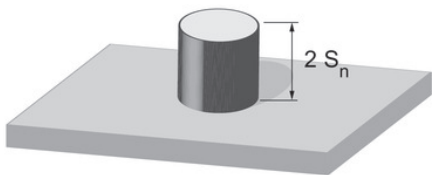
**Dimension drawing**



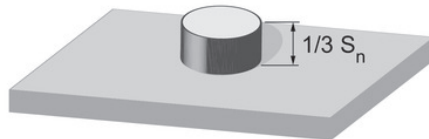
**Connection diagram**



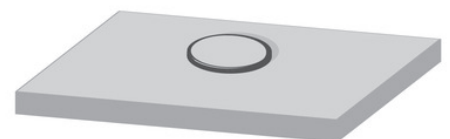
**Correction factors for different mounting situation (approx.)**



Mounting material	Correction factor
Mild steel	100 %
Stainless steel	100 %
Aluminum	100 %



Mounting material	Correction factor
Mild steel	100 %
Stainless steel	95 %
Aluminum	95 %



Mounting material	Correction factor
Mild steel	not possible
Stainless steel	95 %
Aluminum	80 %

**Mounting instructions**

