

**Overview**

- 6 mm
- NPN break function (NC)
- cable, 2 m
- -25 ... 75 °C
- IP 67



Picture similar



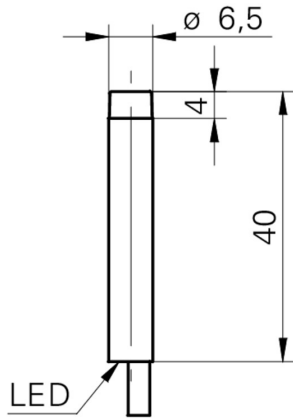
**Technical data**

General data		Electrical data	
Mounting type	Non-flush	Output circuit	NPN break function (NC)
Special type	Enhanced distance (GammaProx)	Voltage drop Vd	< 2 VDC
Nominal sensing distance Sn	6 mm	Output current	< 100 mA
Temperature drift	± 10 % (0 ... +60 °C) ± 15 % (-25 ... +75 °C)	Short circuit protection	Yes
Hysteresis	3 ... 20 % of Sr	Reverse polarity protection	Yes
Output indicator	LED red	Mechanical data	
Correction factor typ.	Mild steel 100 %, stainless steel 80 %, aluminum 50 %	Type	Cylindrical smooth
Electrical data		Material (sensing face)	PBT
Switching frequency	< 400 Hz	Housing material	Stainless steel
Voltage supply range +Vs	6 ... 36 VDC	Dimension	6,5 mm
Current consumption max. (no load)	12 mA	Housing length	40 mm
		Connection types	Cable, 2 m
		Ambient conditions	
		Operating temperature	-25 ... +75 °C
		Protection class	IP 67

**Remarks**

- Triple sensing distance

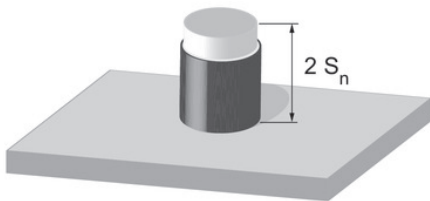
**Dimension drawing**



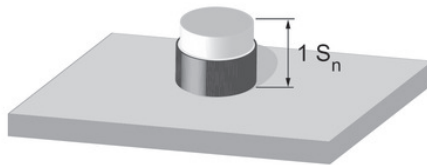
**Connection diagram**



**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	110 %
Stainless steel	95 %
Aluminum	90 %



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

**Mounting instructions**

