

design 8 x 27 x 8mm  
 sensing range flush 2mm

- ✓ robust metal housing
- ✓ short-circuit and reverse polarity protection
- ✓ M8-connector

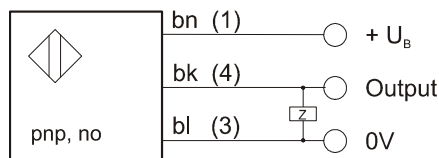


**very short design  
 sampling frequency 5kHz**

**technical data**

<b>nominal sensing range</b>	<b>2mm</b>
mounting	flush
operating voltage	10 ... 30V DC
current consumption (w/o load)	12mA
voltage drop (max. load)	< 2V DC
switching output	pnp, no
output current	≤ 200mA
sampling frequency	≤ 5kHz
response / decay time	< 0.1msec
short-circuit protection	+ (switching output)
reverse polarity protection	+ (U <sub>B</sub> to GND)
display (switching output)	red LED
ambient temperature	-25 ... +75 °C
housing material	nickel-plated brass
active face material	PBT
system of protection (EN 60529)	IP67
connection	M8-connector, 4-pin
connection accessories	e.g. <b>VK200375</b>
mounting accessories	universal mounting <b>AY000118</b>

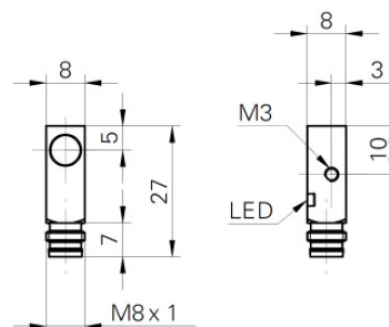
**wiring diagram**



bn=brown, bk=black, bl=blue  
 PIN-Numbers of the cable socket in brackets

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**dimensional drawing**



**Warning:** Never use these devices in applications where the safety of a person depends on their functionality!