

article number **IB16C834**
 design 28.2 x 16.3 x 10.4mm
 sensing range flush 2mm



- ✓ housing material PA 6.6
- ✓ short-circuit and reverse polarity protection
- ✓ 3 x AMP-flat-pin plug

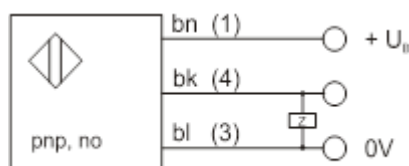
inductive sensor with flat-pin plug



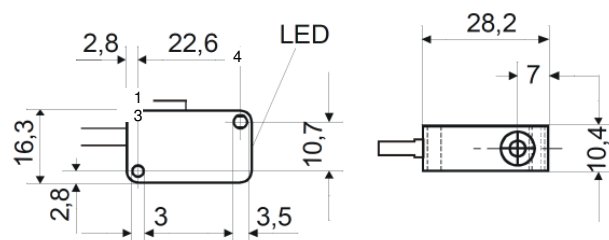
technical data

sensing range S_n	2mm
real sensing range	0 ... 1.62mm
operating voltage	10 ... 30V DC
residual ripple	≤ 10%
current consumption (without load)	≤ 13mA
mounting	flush
switching output	npn, no
output current	200mA
voltage drop	≤ 2.4V
repeatability	≤ 5%
temperature drift	≤ 10%
switching frequency (max.)	1kHz
status display	LED yellow
degree of protection	IP67
short-circuit protection	+
reverse polarity protection	+
ambient temperature	-25 ... +70 °C
housing material	PA 6.6
connection	3 x AMP-flat-pin plug 4.8mm
engineer standards	DIN EN 60947-5-2 Part 7.4.1 / 7.4.2: 2004

electrical connection



dimensional drawing



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