

sensors with enlarged sensing range

design **M8 x 1**
 sensing range flush **2mm**

- ✓ **robust metal housing**
- ✓ **integrated amplifier**
- ✓ **short-circuit and reverse polarity proof**
- ✓ **M8 plug-connection**

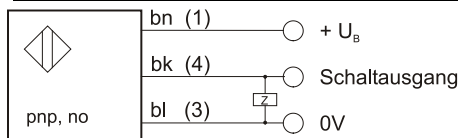
thread length 55mm

TECHNICAL DATA

IB08E037

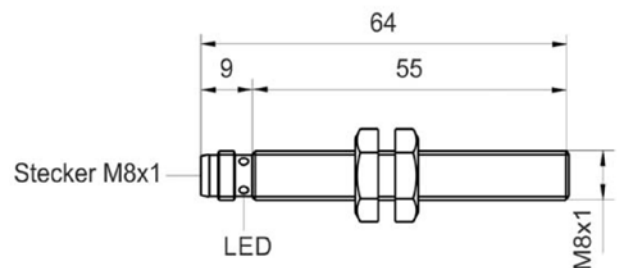
nominal switching distance	2mm
mounting	flush
operating voltage	10 ... 30V DC
residual ripple	≤ 10%
current consumption (w/o load)	≤ 13mA
voltage drop (max. load)	≤ 2,4V
switching output	pnp, NO
output current	≤ 200mA
sampling frequency	≤ 2kHz
hysteresis	≤ 15%
repeatability	≤ 5%
temperature drift	≤ 10%
temperature (operating)	-25 ... +70°C
material (housing)	brass nickel-plated
material (front cap)	PA 6.6
system of protection (EN 60529)	IP67
level of EMC	DIN EN 60947-5-2-2008-8
connection	M8-connector, 3-pin
connection accessories	e.g. VK200075
mounting accessories (universal mounting)	AY000115

connection



bn=braun, bk=schwarz, bl=blau
 Klemmenbezeichnung der Kabeldose in Klammern

dimensional drawing



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