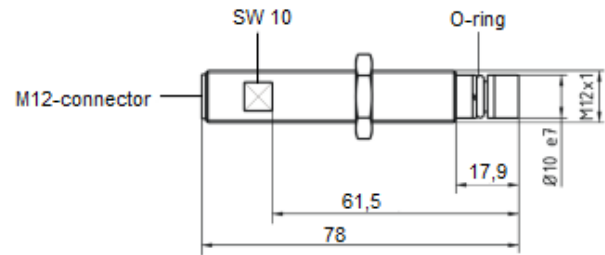


design **M12 x 1**
 sensing range flush **2mm**

- ✓ housing made of stainless steel
- ✓ front cap made of stainless steel
- ✓ integrated amplifier
- ✓ short-circuit and reverse polarity protection
- ✓ M12-connector



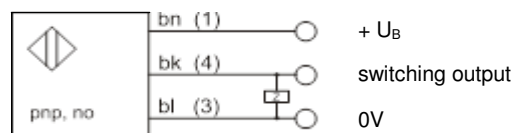
high-pressure-proof up to 500bar
temperature-proof up to 100°C



technical data

sensing range S_n	2mm
mounting	flush
operating voltage U_B	10 ... 30V DC
residual ripple	≤ 10%
voltage drop	≤ 2.4V
current consumption (w/o load)	≤ 10mA
leakage current	≤ 10µA
max. output current	200mA
type of switching output	pnp, no
switching frequency	≤ 400Hz
standby delay	≤ 100ms
hysteresis	≤ 15%
EMC-level	DIN EN 60947-5-2: 2008
real sensing range S_r	≤ 1.62mm
temperature drift	≤ 10%
repeatability	≤ 5%
status display	no
operating temperature	-25 ... +100°C
system of protection (EN 60529)	IP67 / IP69k
length of pressure-proof area	17.9mm
housing material	stainless steel
front cap material	stainless steel
connection	M12-connector

wiring diagram



bn=brown, bk=black, bl=blue
 terminal marking of cable socket in brackets

article number: **IP129121**

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