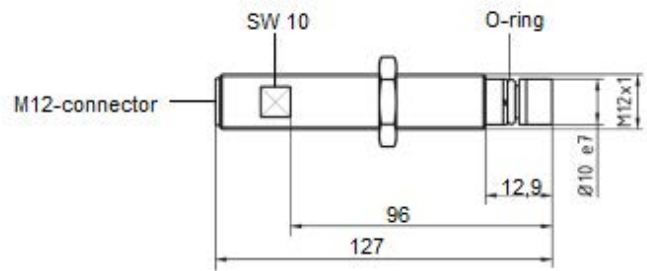


design **M12 x 1**

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



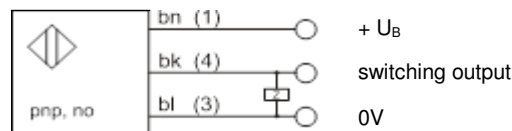
high-pressure-proof up to 500bar
temperature-proof up to 100°C



technical data

sensing range S_n	2mm
mounting	flush
operating voltage U_B	10 ... 30V DC
residual ripple	$\leq 10\%$
voltage drop	$\leq 2.4V$
current consumption (w/o load)	$\leq 10mA$
leakage current	$\leq 10\mu A$
max. output current	200mA
type of switching output	pnnp, no
switching frequency	$\leq 400Hz$
standby delay	$\leq 100ms$
hysteresis	$\leq 15\%$
EMC-level	DIN EN 60947-5-2: 2008
real sensing range S_r	$\leq 1.62mm$
temperature drift	$\leq 10\%$
repeatability	$\leq 5\%$
status display	no
operating temperature	$-25 \dots +100^\circ C$
system of protection (EN 60529)	IP67 / IP69k
length of pressure-proof area	12.9mm
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:

IP129123

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