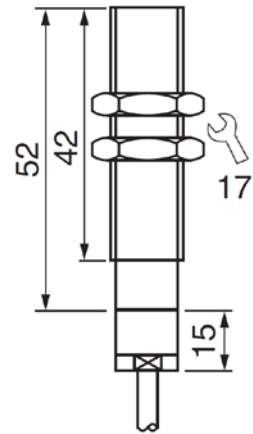


dimensions **M12 x 1**  
switching distance flush 2mm



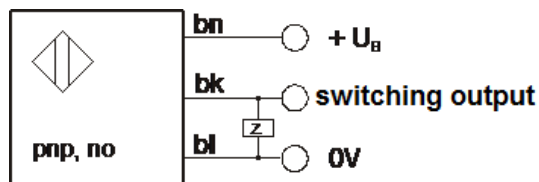
- ✓ stainless-steel housing
- ✓ PEEK front cap
- ✓ short-circuit and reverse polarity protected
- ✓ protection class IP68 and IP69k

**usable up to 150°C**  
**2m or 5m FEP-cable**



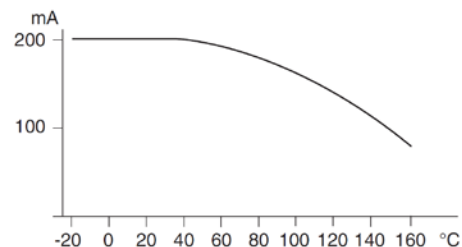
Technical Data	IB12C667 / IB12C668
switching distance $S_n$	2mm
mounting	flush
operating voltage $U_B$	10 ... 30V DC
voltage drop	≤ 2V
current consumption (w/o load)	≤ 7mA
output current (max. load)	≤ 200mA (temperature-dependent)
switching output	pnp, no
switching frequency	≤ 200Hz
switching point drift max.	≤ 15%
ambient temperature	-25 ... +150°C
protection class (EN 60529)	IP 68 + IP 69k
material (housing)	stainl. steel 1.4571
material (front cap)	PEEK
connection	FEP-cable

**connection**



**bn=brown, bk=black, bl=blue**

**output current behaviour**



article-no.: **IB12C667** 2m FEP-cable  
**IB12C668** 5m FEP-cable

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