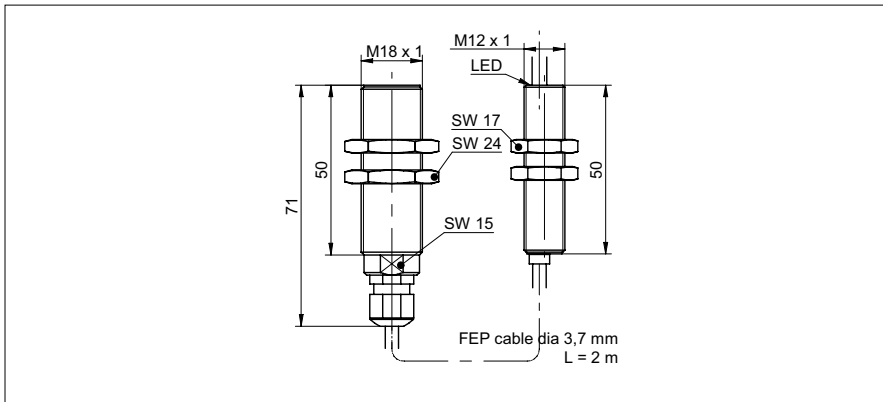


**Inductive sensors special versions**

**IFRH 18P3501/L**

**dimension drawing**



**general data**

mounting type	flush
special type	high temperature
nominal sensing distance $S_n$	5 mm
hysteresis	2 ... 20 % of $S_r$

**electrical data**

switching frequency	< 1 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	PNP break function (NC)
voltage drop $V_d$	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

**mechanical data**

type	cylindrical threaded
housing material	stainless steel
dimension	18 mm
housing length	71 mm
connection types	cable, 2 m

**ambient conditions**

operating temperature	-25 ... +180 °C
protection class	IP 67

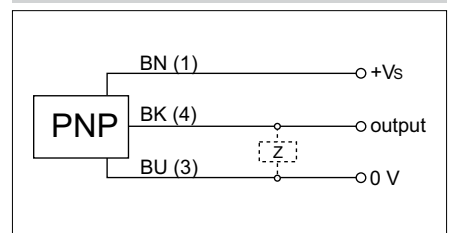
**inline amplifier**

operating temperature	-25 ... +75 °C
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**photo**



**connection diagram**



- inline amplifier
- Cable link sensor head/in-line amplifier FEP coated
- Sensor connecting cable PVC, 2m long