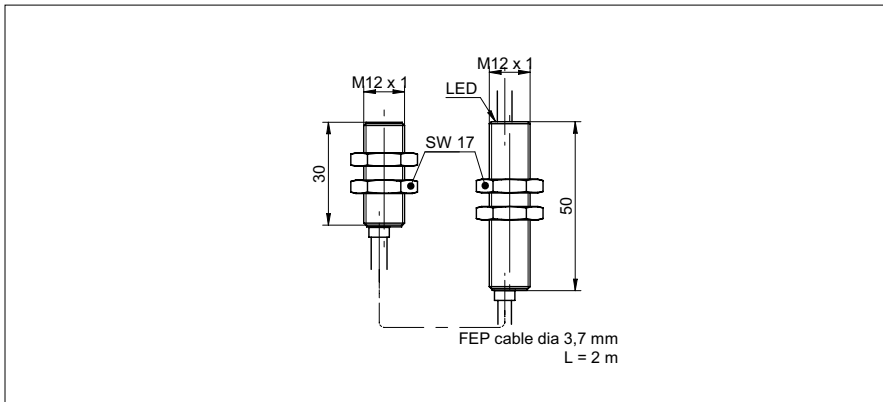


Inductive sensors special versions

IFRH 12 / IFRH 18

sample drawing



general data

mounting type	flush
special type	high temperature
hysteresis	2 ... 20 % of Sr

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
voltage drop Vd	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
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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sample picture



order reference	nominal sensing distance Sn	switching frequency	output circuit	dimension	housing material	housing length
IFRH 12P1501/L	2 mm	< 2 kHz	PNP make function (NO)	12 mm	brass nickel plated	30 mm
IFRH 12P3501/L	2 mm	< 2 kHz	PNP break function (NC)	12 mm	brass nickel plated	30 mm
IFRH 18P1501/L	5 mm	< 1 kHz	PNP make function (NO)	18 mm	stainless steel	71 mm
IFRH 18P3501/L	5 mm	< 1 kHz	PNP break function (NC)	18 mm	stainless steel	71 mm