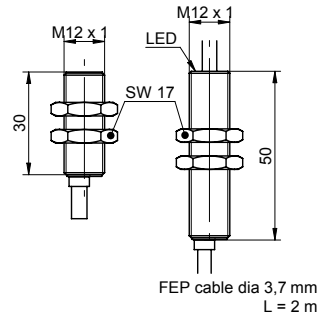


Inductive sensors special versions

IFRH 12P3501/L

dimension drawing



general data

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

electrical data

switching frequency	< 2 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	brass nickel plated
dimension	12 mm
housing length	30 mm
connection types	cable, 2 m

ambient conditions

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

photo



connection diagram



- Data sheet describes the sensor head
- inline amplifier (-25 ... +75 °C)
- FEP cable