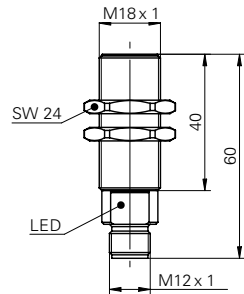


Inductive proximity switch

IFRM 18P17A3/S14L

dimension drawing



general data

mounting type	quasi shielded
nominal sensing distance S_n	8 mm
hysteresis	3 ... 20 % of S_r
output indicator	LED red

electrical data

switching frequency	< 500 Hz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	10 mA
output circuit	PNP make function (NO)
voltage drop V_d	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	brass nickel plated / PC
dimension	18 mm
housing length	60 mm
connection types	connector M12

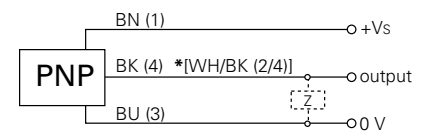
ambient conditions

operating temperature	-25 ... +75 °C
protection class	IP 67

photo



connection diagram



* .../S14L pin 2 & 4 electrically connected

- Not for flush mounting in mild steel