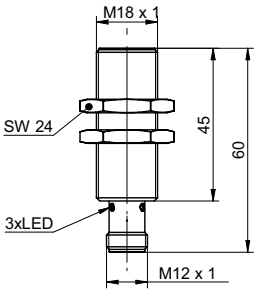
Inductive proximity switch IFRM 18P17A3/S14L

dimension drawing



general data	
mounting type	quasi-flush
nominal sensing distance Sn	8 mm
hysteresis	3 ... 20 % of Sr
output indicator	3 port LED red

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

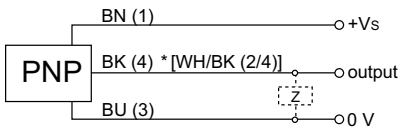
mechanical data	
type	cylindrical threaded
material (sensing face)	PBT
housing material	brass nickel plated
dimension	18 mm
housing length	60 mm
connection types	connector M12
tightening torque max.	40 Nm

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