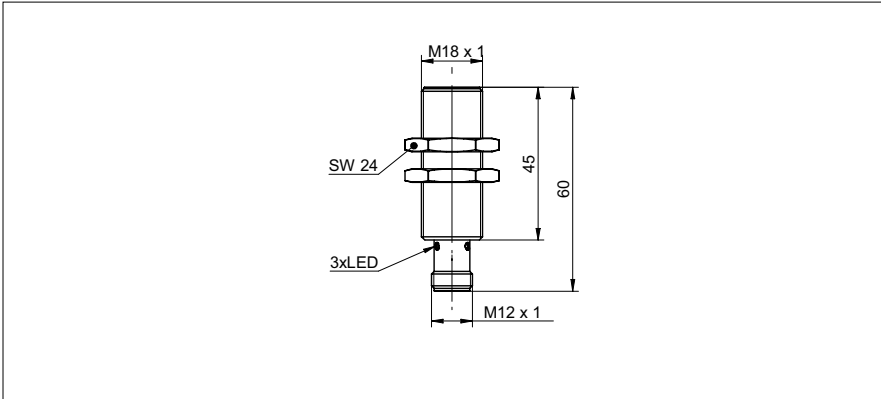


# Inductive proximity switch

# IFRM 18N17A3/S14L

### dimension drawing



### general data

mounting type	quasi-flush
nominal sensing distance $S_n$	8 mm
hysteresis	3 ... 20 % of $S_r$
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	NPN 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
dimension	18 mm
housing length	60 mm
connection types	connector M12
tightening torque max.	40 Nm

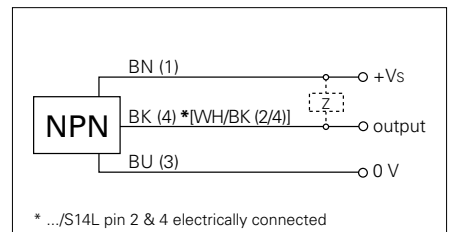
### ambient conditions

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

### photo



### connection diagram



• Not for flush mounting in mild steel