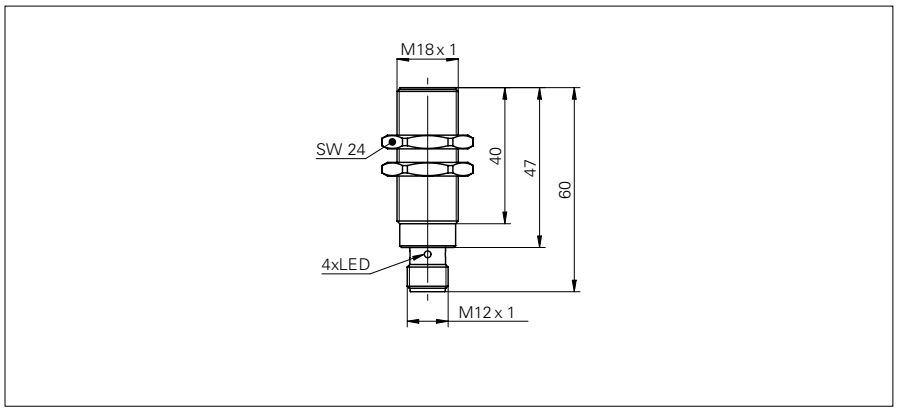
Inductive proximity switch IFRM 18 (medium)

sample drawing



general data	
mounting type	quasi shielded
nominal sensing distance Sn	8 mm
hysteresis	3 ... 25 % of Sr

electrical data	
switching frequency	< 500 Hz
voltage supply range +Vs	10 ... 50 VDC
current consumption max.	10 mA
voltage drop Vd	< 3 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
cable, 2 m	
housing length	50 mm
connector M12	
housing length	60 mm

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

sample picture



order reference	connection types	output circuit	output indicator
IFRM 18N1701/S14L	connector M12	NPN make function (NO)	4 port LED red
IFRM 18N3701/S14L	connector M12	NPN break function (NC)	4 port LED red
IFRM 18N3702/L	cable, 2 m	NPN break function (NC)	LED red
IFRM 18P1701/S14L	connector M12	PNP make function (NO)	4 port LED red
IFRM 18P3701/S14L	connector M12	PNP break function (NC)	4 port LED red
IFRM 18P3702/L	cable, 2 m	PNP break function (NC)	LED red