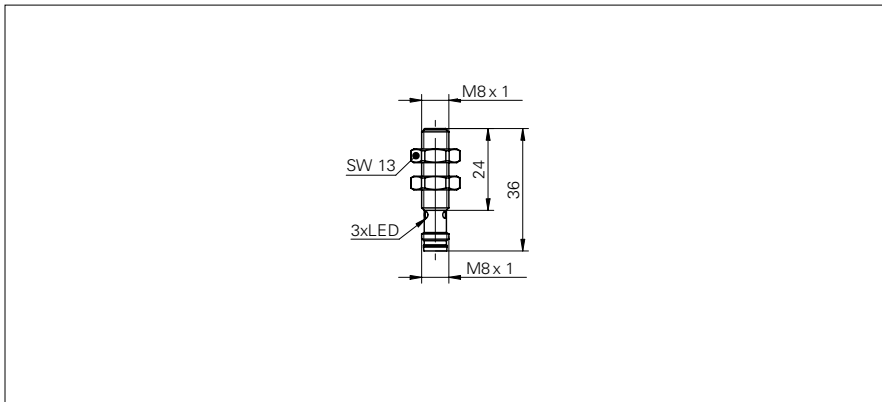


Inductive proximity switch

IFRM 08N17A3/S35L

dimension drawing



general data

nominal sensing distance S_n	2 mm
hysteresis	3 ... 20 % of S_r
output indicator	3 port LED red
mounting type	shielded

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	12 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

material (sensing face)	PBT
housing length	36 mm
connection types	connector M8
type	cylindrical threaded
dimension	8 mm
housing material	stainless steel

ambient conditions

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

photo



connection diagram



- robust steel housings
- high switching frequency