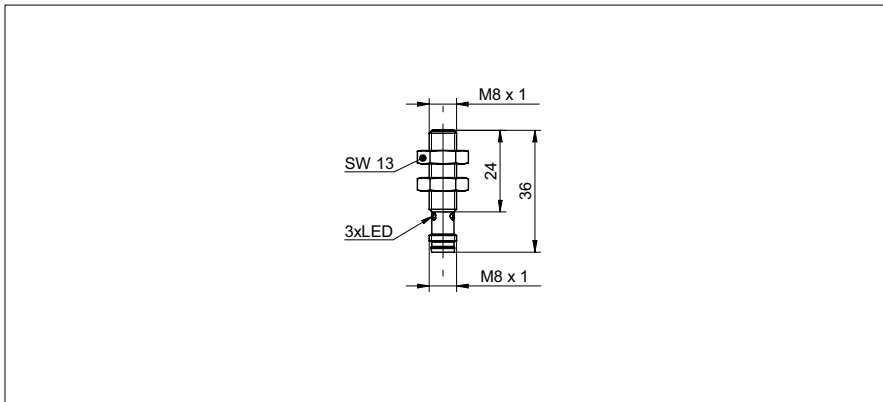


Inductive proximity switch

IGYX 08

sample drawing



general data

mounting type	shielded
nominal sensing distance S_n	2 mm
assured sensing distance S_a	1,6 mm
temperature drift	$\pm 10\%$ of S_r (0 ... +60 °C)
hysteresis	3 ... 20 % of S_r

electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	15 mA
voltage drop Vd	< 2,5 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	PBT, red
housing material	stainless steel
dimension	8 mm
tightening torque	5 Nm

cable, 2 m

housing length	30 mm
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connector M8

housing length	36 mm
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ambient conditions

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

sample picture



Inductive proximity switch**IGYX 08**

order reference	connection types	output circuit	output indicator
IGYX 08N17B3/L	cable, 2 m	NPN make function (NO)	LED red
IGYX 08N17B3/S35L	connector M8	NPN make function (NO)	3 port LED red
IGYX 08N37B3/L	cable, 2 m	NPN break function (NC)	LED red
IGYX 08N37B3/S35L	connector M8	NPN break function (NC)	3 port LED red
IGYX 08P17B3/L	cable, 2 m	PNP make function (NO)	LED red
IGYX 08P17B3/S35L	connector M8	PNP make function (NO)	3 port LED red
IGYX 08P37B3/L	cable, 2 m	PNP break function (NC)	LED red
IGYX 08P37B3/S35L	connector M8	PNP break function (NC)	3 port LED red