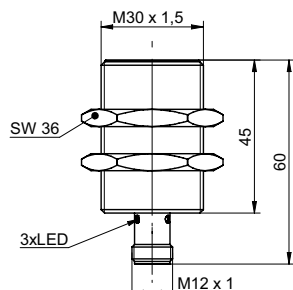


Inductive proximity switch

IGYX 30

sample drawing



general data

mounting type	shielded
nominal sensing distance S_n	15 mm
assured sensing distance S_a	12 mm
temperature drift	$\pm 10\%$ of S_r (0 ... +60 °C)
hysteresis	3 ... 20 % of S_r

electrical data

switching frequency	< 400 Hz
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	brass nickel plated
dimension	30 mm
tightening torque	60 Nm

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



Inductive proximity switch**IGYX 30**

order reference	connection types	output circuit	output indicator
IGYX 30N17B3/L	cable, 2 m	NPN make function (NO)	LED red
IGYX 30N17B3/S14L	connector M12	NPN make function (NO)	3 port LED red
IGYX 30N37B3/L	cable, 2 m	NPN break function (NC)	LED red
IGYX 30N37B3/S14L	connector M12	NPN break function (NC)	3 port LED red
IGYX 30P17B3/L	cable, 2 m	PNP make function (NO)	LED red
IGYX 30P17B3/S14L	connector M12	PNP make function (NO)	3 port LED red
IGYX 30P37B3/L	cable, 2 m	PNP break function (NC)	LED red
IGYX 30P37B3/S14L	connector M12	PNP break function (NC)	3 port LED red