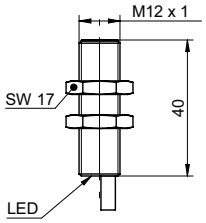
Inductive proximity switch

IGYX 12N37B3/L

dimension drawing



general data

mounting type	flush
nominal sensing distance Sn	4 mm
assured sensing distance Sa	3,2 mm
temperature drift	± 10 % of Sr (0 ... +60 °C)
hysteresis	3 ... 20 % of Sr
output indicator	LED red

electrical data

switching frequency	< 1,5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	15 mA
output circuit	NPN break function (NC)
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	12 mm
housing length	40 mm
connection types	cable, 2 m
tightening torque max.	10 Nm

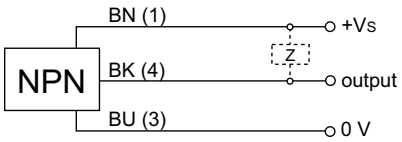
ambient conditions

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

photo



connection diagram



- Compliant with EMC requirements of EN 60947-5-2: 2007