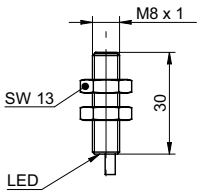
Inductive proximity switch

IGYX 08N37B3/L

dimension drawing



general data	
mounting type	flush
nominal sensing distance Sn	2 mm
assured sensing distance Sa	1,6 mm
temperature drift	± 10 % of Sr (0 ... +60 °C)
hysteresis	3 ... 20 % of Sr
output indicator	LED red

electrical data	
switching frequency	< 3 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

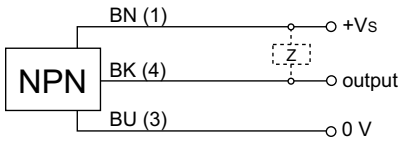
mechanical data	
type	cylindrical threaded
material (sensing face)	PBT, red
housing material	stainless steel
dimension	8 mm
housing length	30 mm
connection types	cable, 2 m
tightening torque max.	5 Nm

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

photo



connection diagram



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