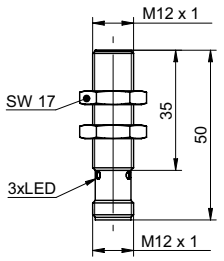
Inductive proximity switch IGYX 12N37B3/S14L

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	3 port 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

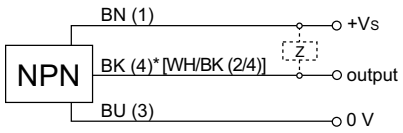
mechanical data	
type	cylindrical threaded
material (sensing face)	PBT, red
housing material	brass nickel plated
dimension	12 mm
housing length	50 mm
connection types	connector M12
tightening torque max.	10 Nm

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

photo



connection diagram



* .../S14L pin 2 & 4 electrically connected

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