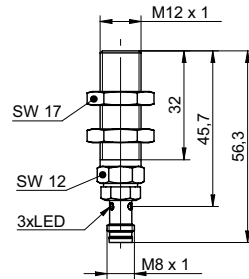


Inductive sensors special versions

IARM 12N15A3/S35L

dimension drawing



general data

mounting type	flush
special type	with banking screw
nominal sensing distance S_n	1,2 mm
real sensing distance S_r	1,0 ... 1,3 mm
temperature drift	$\pm 10\%$ of S_r (-25 ... +50 °C) -10% ... +20 % of S_r (-25 ... +75 °C)
hysteresis	3 ... 25 % of S_r
output indicator	3 port LED red

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN make function (NO)
voltage drop V_d	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	steel / hardened steel
dimension	12 mm
housing length	56,3 mm
connection types	connector M8

ambient conditions

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

photo



connection diagram



- output triggered on impact
- quick and easy replacement of sensor IFRM 06N15A4/S35L