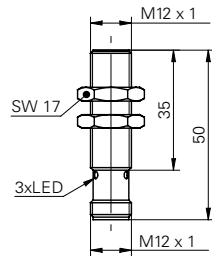


Inductive sensors special versions

IFRW 12P1501/S14L

dimension drawing



general data

mounting type	shielded
special type	welding and magnetic noise
nominal sensing distance S_n	2 mm
hysteresis	3 ... 20 % of S_r
output indicator	3 port LED red

electrical data

switching frequency	< 1 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	10 mA
output circuit	PNP make function (NO)
voltage drop V_d	< 1 VDC
output current	< 250 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	PTFE coated
housing material	brass chromium plated
dimension	12 mm
housing length	50 mm
connection types	connector M12

ambient conditions

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

photo



connection diagram



- immune to welding and magnetic noise of up to 90 mT