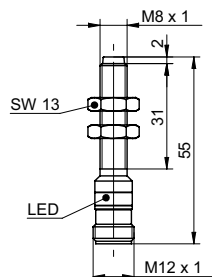


Inductive proximity switch

IFRR 08

sample drawing



general data

mounting type	unshielded
special type	Washdown design
nominal sensing distance S_n	3 mm
hysteresis	2 ... 15 % of S_r
output indicator	LED red

electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	10 mA
voltage drop Vd	< 2 VDC
output current	< 200 mA
output current (at cleaning temperature)	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	LCP
housing material	stainless steel 1.4404 (V4A); LSR
dimension	8 mm
housing length	55 mm
connection types	connector M12

ambient conditions

operating temperature	-40 ... +80 °C
cleaning temperature	80 ... +100 °C (30 min/day)
protection class	IP 68/69K, proTect+

order reference

IFRR 08N13T1/S14L-9
IFRR 08N33T1/S14L-9
IFRR 08P13T1/S14L-9
IFRR 08P33T1/S14L-9

output circuit

NPN make function (NO)
 NPN break function (NC)
 PNP make function (NO)
 PNP break function (NC)

sample picture

