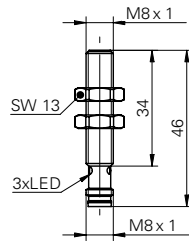


Inductive proximity switch

IR08.P02F (medium, factor 1)

sample drawing



standard cable length 200 mm (L)

general data

mounting type	flush
special type	factor 1
nominal sensing distance S_n	2 mm
hysteresis	3 ... 20 % of S_r

electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	5 ... 36 VDC
current consumption max. (no load)	12 mA
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	stainless steel
dimension	8 mm
tightening torque max.	10 Nm

cable, 2 m

housing length	40 mm
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connector M8

housing length	46 mm
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ambient conditions

operating temperature	-25 ... +75 °C
storage temperature	-40 ... +85 °C
protection class	IP 67

sample picture



Inductive proximity switch**IR08.P02F (medium, factor 1)**

order reference	connection types	output circuit	output indicator
IR08.P02F-11119431	cable, 2 m	NPN break function (NC)	LED red
IR08.P02F-11119429	cable, 2 m	NPN make function (NO)	LED red
IR08.P02F-11119430	cable, 2 m	PNP break function (NC)	LED red
IR08.P02F-11119428	cable, 2 m	PNP make function (NO)	LED red
IR08.P02F-11119427	connector M8	NPN break function (NC)	3 port LED red
IR08.P02F-11116607	connector M8	NPN make function (NO)	3 port LED red
IR08.P02F-11119426	connector M8	PNP break function (NC)	3 port LED red
IR08.P02F-11111235	connector M8	PNP make function (NO)	3 port LED red