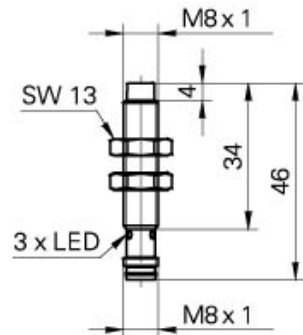


Inductive proximity switches

IFRM 08P13G1/S35L

Dimension drawing



General data

Mounting type	unshielded
Special type	enhanced distance (GammaProx)
Nominal sensing distance S_n	6 mm
Hysteresis	2 ... 25 % of S_r
Output indicator	3 port LED red

Electrical data

Switching frequency	< 400 Hz
Voltage supply range +Vs	12 ... 30 VDC
Current consumption max.	18 mA
Output function	NO
Output circuit	PNP
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
Housing length	46 mm
Connection types	connector

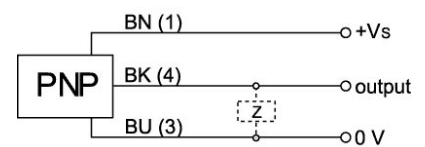
Ambient conditions

Operating temperature	0 ... +60 °C
Protection class	IP 67

Photo



Circuit diagram



- 4-fold sensing distance