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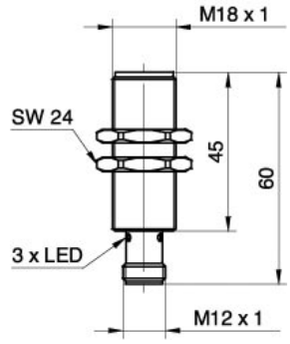
Inductive sensors special versions

IFRD 18P17A3/S14L

Dimension drawing



General data	
Mounting type	quasi shielded
Special type	full metal housing
Nominal sensing distance Sn	6 mm
Hysteresis	2 ... 20 % of Sr
Output indicator	3 port LED red

Electrical data	
Switching frequency	< 100 Hz
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max.	14 mA
Output function	NO
Output circuit	PNP
Voltage drop Vd	< 2 VDC
Output current	< 200 mA
Short circuit protection	yes
Reverse polarity protection	yes

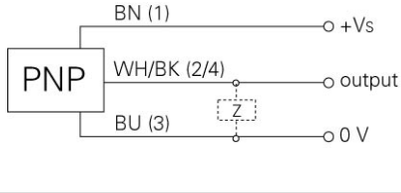
Mechanical data	
Type	cylindrical threaded
Material (sensing face)	stainless steel 1.4404 (A4)
Housing material	stainless steel 1.4404 (A4)
Pressure static	< 20 bar
Dimension	18 mm
Housing length	60 mm
Connection types	connector

Ambient conditions	
Operating temperature	-25 ... +75 °C
Protection class	IP 68/67 (sensing face/sensor)

Photo



Connection diagram



- Higher noise immunity (EMC)
- PRELIMINARY