WSI-1602-MAUH

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Mini Flat Pack Inductive Sensor

DESIGN FAMILY **STD**

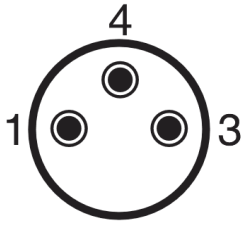
- Mini Flat Pack
- 2mm Sensing Range
- UNIVERSAL CONNECTION:
- M8 3-Pin Overmolded LED Connector
- (includes an M8-M12 adapter)



DIMENSIONS

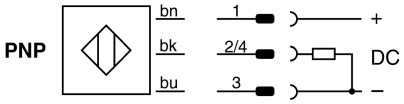


PINOUT



M8

OUTPUT



CERTIFICATIONS

Technical data

Electrical features

Supply Voltage	10–30 VDC
No-Load Current	≤15 mA
Max Output Current	<100 mA
Voltage Drop	≤1.8 V
Output Circuit	PNP
Output Normal State	N.O.
Switching Frequency	1 kHz

Sensing performance

Rated Sensing Distance (Sn)	2mm
Correction Factors (Steel=100%)	Steel 100 %, St Steel 75 %, Al 50 %
Hysteresis	3–15%
Repeat Accuracy	≤2%
SENSING TARGETS PRACTICALITY	Steel, Aluminum
Weld Field Immunity (WFI)	NO

Environmental

Operating Temperature	-25…+75°C
Protection Class	IP67

Mechanical features

Form Factor	MINI FLAT PACK
Dimensions (mm)	16×8×4.7
Mounting	Flush
Material (body)	Metal Alloy
Material (Face)	HYPERFACE
Coating Type	Z

Connection

Connector Type	M8 (PACKAGE INCLUDES M8 - M12 ADAPTER)
Connector Material	Overmolded
Cable Sheath Inner	PTFE
Cable Sheath Outer	ACTIVFLEX TUBULAR
Cable Length	0.5m
Cable Exit Direction	Straight
LED on Connector	YES
Connector LED Color	GREEN

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