

WSI-1602-MAUH



Mini Flat Pack Inductive Sensor

DESIGN FAMILY STD

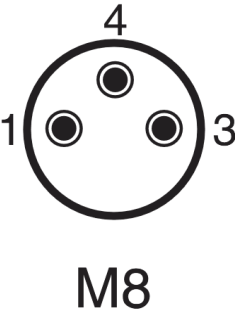
- Mini Flat Pack
- 2mm Sensing Range
- UNIVERSAL CONNECTION:
- M8 3-Pin Overmolded LED Connector
- (includes an M8-M12 adapter)



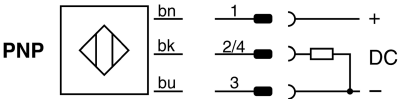
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



Technical data			
Electrical features		Mechanical features	
Supply Voltage	10–30 VDC	Form Factor	MINI FLAT PACK
No-Load Current	≤15 mA	Dimensions (mm)	16×8×4.7
Max Output Current	<100 mA	Mounting	Flush
Voltage Drop	≤1.8 V	Material (body)	Metal Alloy
Output Circuit	PNP	Material (Face)	HYPERFACE
Output Normal State	N.O.	Coating Type	Z
Switching Frequency	1 kHz	Connection	
Sensing performance		Connector Type	M8 (PACKAGE INCLUDES M8 - M12 ADAPTER)
Rated Sensing Distance (Sn)	2mm	Connector Material	Overmolded
Correction Factors (Steel=100%)	Steel 100 %, St Steel 75 %, Al 50 %	Cable Sheath Inner	PTFE
Hysteresis	3–15%	Cable Sheath Outer	ACTIVFLEX TUBULAR
Repeat Accuracy	≤2%	Cable Length	0.5m
SENSING TARGETS PRACTICALITY	Steel, Aluminum	Cable Exit Direction	Straight
Weld Field Immunity (WFI)	NO	LED on Connector	YES
Environmental		Connector LED Color	GREEN
Operating Temperature	-25...+75°C		
Protection Class	IP67		