WSI-1602-MAAH

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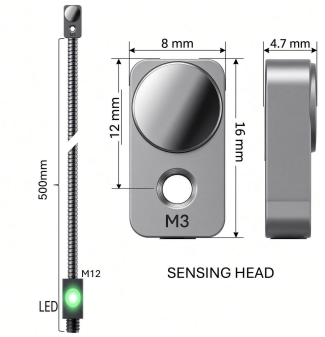
Mini Flat Pack Inductive Sensor

DESIGN FAMILY **STANDARD SERIES**

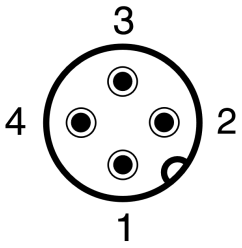
- 8 x 16 x 4.7mm with M3 mounting hole
- 2mm Sensing Range
- PNP, N.O.
- Standard Temp +75C
- HYPERFACE
- 500mm ACTIVFLEX PTFE Sheath over PTFE
- M12 Overmolded Connector with Green LED



DIMENSIONS

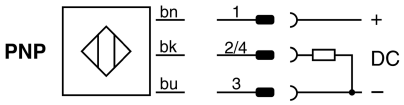


PINOUT



M12

OUTPUT



CERTIFICATIONS

Technical data

Electrical features	
Supply Voltage	9–30 VDC
No-Load Current	≤12 mA
Max Output Current	<100 mA
Voltage Drop	<2 V
Output Circuit	PNP
Output Normal State	N.O.
Switching Frequency	5 kHz
Sensing performance	
Rated Sensing Distance (Sn)	2 mm
Correction Factors (Steel=100%)	Steel 100 %, St Steel 75 %, Al 50 %
Hysteresis	2–20%
SENSING TARGETS PRACTICALITY	Steel, Aluminum
Mechanical features	
Form Factor	Mini Flat Pack
Dimensions (mm)	16×8×4.7
Mounting	Flush
Material (body)	Alloy
Material (Face)	HYPERFACE
Coating Type	Z

Connection	
Connector Type	M12
Connector Material	Overmoded
Cable Sheath Inner	PTFE
Cable Sheath Outer	ACTIVFLEX TUBULAR
Cable Length	0.5m
Cable Exit Direction	Straight
LED on Sensor	NO
LED on Connector	YES
Connector LED Color	Green
Environmental	
Operating Temperature	-25…+75°C
Protection Class	IP67

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