

WSI-1602-MDAH



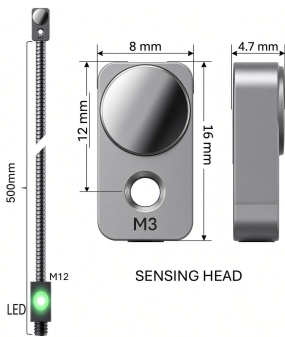
Mini Flat Pack Inductive Sensor

DESIGN FAMILY STANDARD SERIES

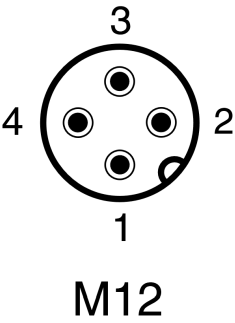
- 8 x 16 x 4.7mm with M3 mounting hole
- 2mm Sensing Range
- NPN, N.O.
- Standard Temp +75C
- HYPERFACE
- 500mm ACTIVFLEX Sheath over PTFE
- M12 Overmolded Connector with Green LED



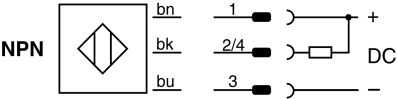
DIMENSIONS



PINOUT



OUTPUT



CERTIFICATIONS



Technical data			
Electrical features		Connection	
Supply Voltage	9–30 VDC	Connector Type	M12
No-Load Current	≤12 mA	Connector Material	Overmolded
Max Output Current	<100 mA	Cable Sheath Inner	PTFE
Voltage Drop	<2 V	Cable Sheath Outer	ACTIVFLEX TUBULAR
Output Circuit	NPN	Cable Length	0.5m
Output Normal State	N.O.	Cable Exit Direction	Straight
Switching Frequency	5 kHz	LED on Sensor	NO
Sensing performance		LED on Connector	YES
Rated Sensing Distance (Sn)	2 mm	Connector LED Color	Green
Correction Factors (Steel=100%)	Steel 100 %, St Steel 75 %, Al 50 %	Environmental	
Hysteresis	2–20%	Operating Temperature	-25...+75°C
SENSING TARGETS PRACTICALITY	Steel, Aluminum	Protection Class	IP67
Mechanical features			
Form Factor	Mini Flat Pack		
Dimensions (mm)	16×8×4.7		
Mounting	Flush		
Material (body)	Alloy		
Material (Face)	HYPERFACE		
Coating Type	Z		