AE1-AN-2H Cut Sheet





Micro Detectors inductive proximity sensor, tubular, 8mm diameter x 60mm body, nickel-plated brass housing, NPN, N.O. output, 2.5mm sensing distance, non-flush, 2.5 kHz switching frequency, IP67, 4-pin M12 quick-disconnect.

For complete product information, please see this item on our store at the following link:



https://www.automationdirect.com/pn/AE1-AN-2H

Technical Specifications

Brand Micro Detectors Item		
Sensor Type Inductive Application Standard duty Shape Tubular Housing Size 8mm diameter x 60mm body Housing Material Nickel-plated brass Barrel Type Threaded Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Brand	Micro Detectors
Application Standard duty Shape Tubular Housing Size 8mm diameter x 60mm body Housing Material Nickel-plated brass Barrel Type Threaded Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Item	Proximity sensor
Shape Tubular Housing Size 8mm diameter x 60mm body Housing Material Nickel-plated brass Barrel Type Threaded Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Sensor Type	Inductive
Housing Size 8mm diameter x 60mm body Housing Material Nickel-plated brass Barrel Type Threaded Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Application	Standard duty
Housing Material Barrel Type Threaded Sensing Method Standard sensing Adjustable Number of Wires 3 Switching Output Nickel-plated brass Standard sensing No Number of Wires No Number of Wires	Shape	Tubular
Barrel Type Threaded Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Housing Size	8mm diameter x 60mm body
Sensing Method Standard sensing Adjustable No Number of Wires 3 Switching Output NPN	Housing Material	Nickel-plated brass
Adjustable No Number of Wires 3 Switching Output NPN	Barrel Type	Threaded
Number of Wires 3 Switching Output NPN	Sensing Method	Standard sensing
Switching Output NPN	Adjustable	No
	Number of Wires	3
Operation Mode N.O. output	Switching Output	NPN
	Operation Mode	N.O. output

Sensing Distance	2.5mm
Mounting Type	Non-flush
IO-Link Compatible	No
Switching Frequency	2.5 kHz
Operating Voltage	10-30 VDC
Operating Temperature	-25 to 70c
Weld Field Immune	No
Chip Immune	No
IP Rating	IP67
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	None
UL Recognized File #	E130644
UL Hazardous File #	None
CE	View CE declarations
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link: https://cdn.automationdirect.com /static/drawings/AE1-AN-2H.pdf See store item page for other formats.