

# AM6-AN-4A Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 12mm diameter x 44mm body, nickel-plated brass housing, NPN, N.O. output, 8mm sensing distance, non-flush, 2 kHz switching frequency, IP67, pigtail.

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



<https://www.automationdirect.com/pn/AM6-AN-4A>

## Technical Specifications

Brand	Micro Detectors	Sensing Distance	8mm
Item	Proximity sensor	Mounting Type	Non-flush
Sensor Type	Inductive	IO-Link Compatible	No
Application	Standard duty	Switching Frequency	2 kHz
Shape	Tubular	Operating Voltage	10-30 VDC
Housing Size	12mm diameter x 44mm body	Operating Temperature	-25 to 70c
Housing Material	Nickel-plated brass	Weld Field Immune	No
Barrel Type	Threaded	Chip Immune	No
Sensing Method	Extended sensing	IP Rating	IP67
Adjustable	No	Connection	Pigtail
Number of Wires	3	Conductor Size	24 AWG
Switching Output	NPN	Cable Length	6.5ft/2m
Operation Mode	N.O. output	Includes	Mounting hardware

## Agency Approvals

UL Listed File #	None
UL Recognized File #	E130644
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>