

## AM SERIES M12 INDUCTIVE SENSORS

Micro Detectors AM Inductive Sensor

AM1/AN-1A  
IND.SEN M12 shielded NO/NPN cable 2m

- 2 - 8mm sensing range
- Flush or Non-flush
- PNP or NPN
- IP67
- 2m cable or M8/M12 connector



### PRODUCT DESCRIPTION

The Micro Detectors' brand was acquired by Datasensing. The AB/AC series of inductive sensors feature a sensing range of 2-8mm and 2m cable or M8/M12 connection.



Inductive sensors are used for position indication, impulse or motion detector for metallic objects. The sensor has no moving parts and is therefore suitable for applications with high contact frequency. Due to the compact and easy-mounted design of the sensor as well as the contact-free function, the sensor is normally not subjected to mechanical wear.

### TECHNICAL DATA

Dimension (mm)	M12 x 1 / L = 49,8 mm
Electrical connection	Embedded 2m cable
IP class	IP67
LED indicator	Yes
Material of body	Nickel-plated brass
Mounting	Flush

Operating frequency	2000 Hz
Output	NPN NO
Output current max	200 mA
Sensing distance	2 mm
Sensor Type	Inductive
Size	M12
Supply voltage	10-30 V DC
Temperature operational max	70 °C
Temperature operational min	-25 °C
Weight	70 g

