

## AA SERIES M3 INDUCTIVE SENSORS

Micro Detectors AA Inductive Sensor

AA1/AP-1A  
IND.SEN Ø3 Sn 0,6mm NO/PNP cable 2m

- 0.6 - 1mm sensing range
- Stainless steel housing
- PNP or NPN
- IP67
- 2m cable



### PRODUCT DESCRIPTION

The Micro Detectors' brand was acquired by Datasensing. The AA series of inductive sensors feature a sensing range of 0.6-1mm, with a stainless steel housing and 2m cable 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

Electrical connection	Embedded 2m cable
IP class	IP67
LED indicator	Yes
Material of body	Stainless steel 303
Mounting	Flush
Operating frequency	3000 Hz
Output	PNP NO

<b>Output current max</b>	100 mA
<b>Sensing distance</b>	0,6 mm
<b>Sensor Type</b>	Inductive
<b>Size</b>	Ø3
<b>Supply voltage</b>	10-30 V DC
<b>Temperature operational max</b>	70 °C
<b>Temperature operational min</b>	-25 °C
<b>Weight</b>	30 g