

872CN4Q12D4

AB 872 Inductive Proximity Sensor Nic Brass 12mm Qplex 10-30VDC 4mm Unshld NONC 2 Wire Micro 4 DC QD



NON-CONTACT SENSORS



Allen-Bradley



Component type	Inductive proximity switch
Range	Inductive Prox
Model	N/A
Product status	Existing

The Allen-Bradley inductive proximity sensors detect metal objects without touching them. This technology is used in applications where the metal object to be detected is within an inch or two of the sensor face. Ideal for use in light-duty packaging applications and the harsh environments in automotive welding equipment or washdowns in food processing plants.

ELECTRICAL

Type of actuation	Metallic Target
Switching distance	8 mm
Voltage type	DC
Rated control supply voltage U_s at AC 50HZ	0 V
Rated control supply voltage U_s at AC 60HZ	0 V
Type of switch function	Normally open contact
Type of switching output	PNP
Switching frequency	400 Hz
Voltage drop (U_d)	1.8 V
Supply voltage	10-30 V
Number of protected semiconductor outputs	1

COMMUNICATION

Type of interface	None
Construction type housing	Cuboid
Material housing	Metal
IP rating	IP67
Coating housing	Nickel-plated
Cascadable	No
Compression-resistant	No
Suitable for safety functions	No

CONSTRUCTION

Diameter sensor	18 mm
Length of sensor	48 mm
Cable length	2 m
Weight (cable excluded)	90 g

DIMENSIONS

ENVIRONMENT

Storage temperature	0...120 °C
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CERTIFICATES/APPROVALS

SIL according to IEC 61508	None
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CERTIFICATES/APPROVALS	Explosion safety category for gas	None
	Explosion safety category for dust	None