872CD8NE18D4

AB 872 Inductive Proximity Sensor 18mm 10-30V DC 8mm Unshld NO NPN/PNP 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
	Type of switch function	Breaker contact
	Type of switching output	NAMUR
	Switching frequency	1000 Hz
	Supply voltage	7-9 V
	Number of protected semiconductor outputs	1
COMMUNICATION	Type of interface	None
CONSTRUCTION	Construction type housing	Cylinder, screw-thread
	Material housing	Metal
	IP rating	IP67
	Coating housing	Chromium-plated
	Cascadable	No
	Compression-resistant	No
	Suitable for safety functions	No
MECHANICAL	Mechanical mounting condition for sensor	Other
DIMENSIONS	Diameter sensor	30 mm
	Length of sensor	50 mm
	Cable length	0 m
	Weight (cable excluded)	50 g
ENVIRONMENT	Storage temperature	-30…80 °C
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None
	Explosion safety category for gas	None
	Explosion safety category for dust	None

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