IA12ASN04NOM1

Carlo Gavazzi Inductive Proximity Nickel Brass Short M12 DC NPN NO Output 4mm Sense plus 5m M12

NON-CONTACT SENSORS



Component type	Inductive proximity switch
Range	Inductive Prox
Model	N/A
Alternative	NO ALTERNATIVE ITEM

The Carlo Gavazzi Inductive Proximity Sensors are a reliable and contactless solution in the detection of machinery and automation equipment. Available in a variety of styles and resistant to high level shock and vibration. Able to withstand wide temperature variations and voltage peaks of up to 200V making them ideal for high pressure and high temperature wash-down environments.

ELECTRICAL	Type of actuation	Metallic Target
	Switching distance	4 mm
	Voltage type	DC
	Rated control supply voltage Us at DC	10-40 V
	Type of switch function	Normally open contact
	Type of switching output	NPN
	Switching frequency	800 Hz
	Type of electric connection	Flat plug-in connection
	Voltage drop (Ud)	2.5 V
	Supply voltage	10-40 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	Nickel-plated
	Cascadable	No
	Compression-resistant	No
	Suitable for safety functions	No
MECHANICAL	Mechanical mounting condition for sensor	Other
DIMENSIONS	Diameter sensor	12 mm
	Length of sensor	34 mm
	Cable length	0 m
	Weight (cable excluded)	100 g
ENVIRONMENT	Storage temperature	-30…80 °C
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

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