NIA12ASN08DOM1

Carlo Gavazzi Inductive Proximity Nickel Brass Short M12 DC PNP + NPN NO Output 8mm Sense Dist M12

NON-CONTACT SENSORS



Component type	Inductive proximity switch
Range	Inductive Prox
Model	N/A
Alternative	ICB12S30F04M1IO

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	8 mm
	Voltage type	DC
	Rated control supply voltage Us at DC	10-40 V
	Max. output current at protected output	100 mA
	Type of switch function	Normally open contact
	Type of switching output	Relay contact
	Switching frequency	800 Hz
	Type of electric connection	Plug-in connection
	Voltage drop (Ud)	3 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**	Not flat
DIMENSIONS	**Diameter sensor**	12 mm
	Length of sensor	53 mm
	Cable length	0 m
	Weight (cable excluded)	20 g
ENVIRONMENT	**Storage temperature**	-30…80 °C

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CERTIFICATES/APPROVALS

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

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