NCA18CLC12BPM1

Carlo Gavazzi Capacitive Proximity Plastic M18 DC PNP or NPN NO NC 12mm IP68 M12

NON-CONTACT SENSORS



Component type	Capacitive proximity switch
Range	Capacitive Prox
Model	N/A
Alternative	CALL FOR ALTERNATIVE

The Carlo Gavazzi Capacitive Sensors are designed as an industrial sensor used to detect the presence or absence of a target object. Easily installed and maintained, with a clear, simple design making it easy to diagnose and repair issues. Available in 12 mm, 18 mm, and 30 mm diameters with both AC and DC outputs as well as plastic and metal housings with either a built-in cable or a connector.

ELECTRICAL	**Setting procedure**	Manual adjustment
	Switching distance	12 mm
	Voltage type	DC
	Rated control supply voltage Us at DC	10-40 V
	Type of switch function	Programmable/configurable
	Type of switching output	PNP/NPN
	Switching frequency	15 Hz
	Number of conductors	3
	Type of electric connection	Connector M12
	Number of semiconductor outputs with signalling function	0
	Number of contact energized outputs with signalling function	0
	Number of protected semiconductor outputs	1
	Number of protected contact energized outputs	0
	Type of actuation	Other
	Max. output current at protected output	250 mA
	Supply voltage	10-40 V
COMMUNICATION	**Type of interface**	None
	Type of interface for safety communication	None
CONSTRUCTION	**Construction type housing**	Cylinder, screw-thread
	Material housing	Plastic
	Suitable for safety functions	No
	Coating housing	Other
	Cascadable	No
	Performance level according to EN ISO 13849-1	None

Published on 14 July 2026

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CONSTRUCTION	Compression-resistant	No
MECHANICAL	Mechanical mounting condition for sensor	Not flat
	With monitoring function downstream switching devices	No
	With status indication	Yes
DIMENSIONS	Width sensor	0 mm
	Height of sensor	0 mm
	Length of sensor	89.2 mm
	Diameter sensor	18 mm
ENVIRONMENT	Rated temperature	-25…80 °C
	Storage temperature	-40…85 °C
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None
	Explosion safety category for gas	None
	Explosion safety category for dust	None