

VC12RT92410M

Carlo Gavazzi Capacitive Proximity Plastic Smooth M32 24V DC
Off Delay Sensing Range 4 to 12mm 2m



NON-CONTACT SENSORS



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

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	12.0 mm
Voltage type	AC/DC
Rated control supply voltage U_s at AC 50HZ	20.4 - 26.4 V
Rated control supply voltage U_s at AC 60HZ	26.4 - 20.4 V
Rated control supply voltage U_s at DC	26.4 - 20.4 V
Type of switch function	Change-over contact
Type of switching output	Relay contact
Switching frequency	5.0 Hz
Number of conductors	5.0
Type of electric connection	Cable
Number of semiconductor outputs with signalling function	0.0
Number of contact energized outputs with signalling function	0.0
Number of protected semiconductor outputs	0.0
Number of protected contact energized outputs	0.0
Type of actuation	Metallic Target
Max. output current at protected output	0.0 mA
Supply voltage	20.4 - 26.4 V

COMMUNICATION

Type of interface	None
Type of interface for safety communication	None

CONSTRUCTION

Construction type housing	Cylinder plain
Material housing	Plastic
Suitable for safety functions	No
Coating housing	Other

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CONSTRUCTION	Cascadable	No
	Performance level according to EN ISO 13849-1	None
	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	0.0 mm
	Height of sensor	0.0 mm
	Length of sensor	101.0 mm
	Diameter sensor	32.0 mm
ENVIRONMENT	Ambient temperature during operating	-20 - 70 °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