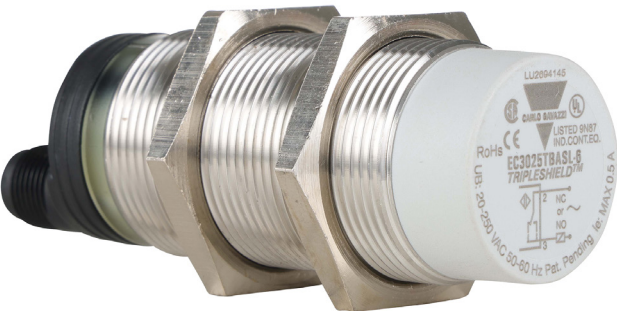


NEC3025TBASL6

Carlo Gavazzi Capacitive Proximity Stainless Steel M30 SCR NO
NC 25mm 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	25 mm
Voltage type	AC
Rated control supply voltage U_s at AC 50HZ	20-250 V
Rated control supply voltage U_s at AC 60HZ	20-250 V
Type of switch function	Programmable/configurable
Type of switching output	2-wire
Switching frequency	10 Hz
Number of conductors	2
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	500 mA
Supply voltage	20-250 V

COMMUNICATION

Type of interface	None
Type of interface for safety communication	None

CONSTRUCTION

Construction type housing	Cylinder, screw-thread
Material housing	Metal
Suitable for safety functions	No
Coating housing	Other
Cascadable	No

NEC3025TBASL6

Carlo Gavazzi Capacitive Proximity Stainless Steel M30 SCR NO
NC 25mm M12



NON-CONTACT SENSORS



CONSTRUCTION	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 mm
	Height of sensor	0 mm
	Length of sensor	75.6 mm
	Diameter sensor	30 mm
ENVIRONMENT	Rated temperature	-25...80 °C
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None
	Explosion safety category for gas	None
	Explosion safety category for dust	None