

CA18CLF08TC

Carlo Gavazzi Capacitive Proximity Sensor Plastic M18 AC SCR
NC 8mm Sensing with M12 5m



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	8 mm
Voltage type	AC
Rated control supply voltage U_s at AC 50HZ	20-250 V
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Type of switch function	Breaker contact
Type of switching output	2-wire
Switching frequency	10 Hz
Number of conductors	2
Type of electric connection	Cable
Number of semiconductor outputs with signalling function	0
Number of protected semiconductor outputs	1
Type of actuation	Other
Max. output current at protected output	500 mA
Supply voltage	20-250 V

CONSTRUCTION

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

MECHANICAL

Mechanical mounting condition for sensor	Concise
With monitoring function downstream switching devices	No
With status indication	Yes

DIMENSIONS

Length of sensor	71.5 mm
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DIMENSIONS

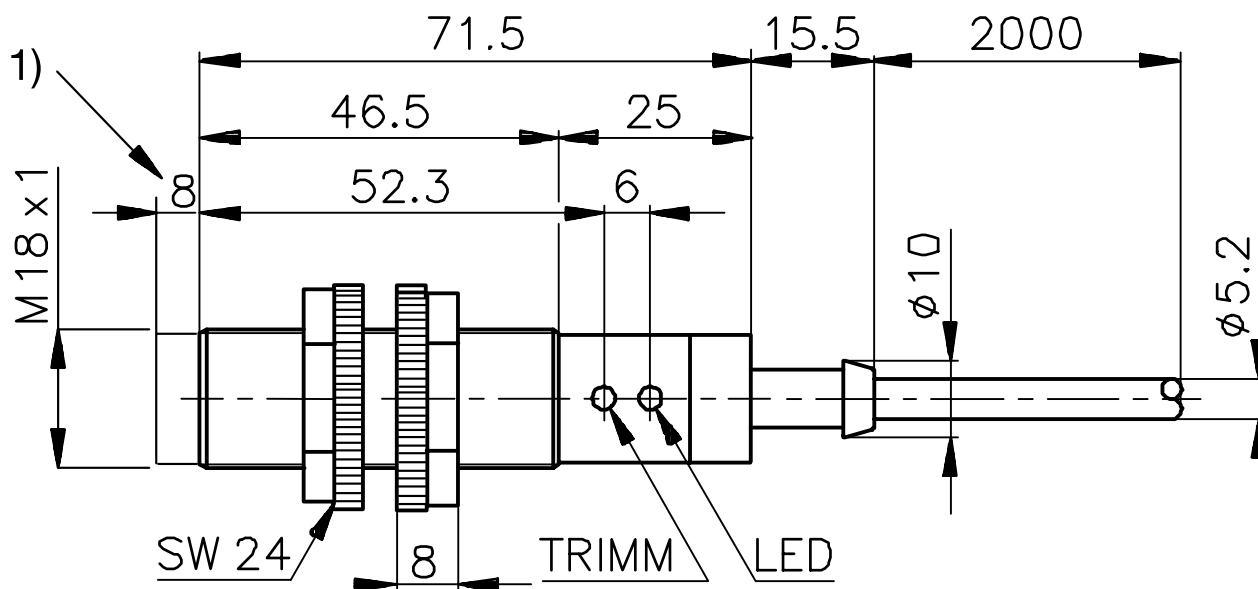
Diameter sensor 18 mm

ENVIRONMENT

Rated temperature -25...80 °C

Storage temperature -40...85 °C

DIMENSIONAL DIAGRAM



1) Note: Only CA18CLN