

Catalogue No: **EC3016TBAPL6**

CAPACITIVE PLASTIC M30 AC SCR NO+NC 16mm + 5M M12 CABLE

Field Switching and Sensing > Non Contact Sensors > Proximity Sensors > Carlo Gavazzi Proximity Sensors > Carlo Gavazzi Capacitive Proximity Sensors > 30 mm Cylindrical - Capacitive Sensor



EC Series Capacitive Proximity Sensor, plastic M30 housing, 20-250 V AC supply, NO+NC relay output, 16mm sensing range, IP67 rating, 5m M12 cable and mounting bracket included



- Featuring TRIPLESIELD™ sensor protection to withstand electrostatic discharges up to 40 KV, line transients up to 4 KV, and airborne noise (ie. cellular phones) up to 15 V/m.
- Various sizes including 12 mm, 18 mm, and 30 mm diameters
- Plastic and metal housings alternatives AC and DC outputs
Either a built-in cable or a connector

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Component Type Field Switching & Sensing	Proximity Sensor
Sensing Mode	Capacitive
Shielded	Yes
Shape	Cylindrical - Threaded
Diameter	30 mm
Length	63.6 mm
Orientation	Straight Through
Mounting (Multiple)	Flush Mount Mounting Nuts (Included) Mounting Bracket (Ordered Separately)
Teach Mode / Sensitivity Adjustment	Yes
Sensing distance, min	2 mm
Sensing distance, max	16 mm
Operating Range(s)	20 ... 250V AC
Switching Mode	N/O or N/C Selectable
Output Type	SCR
Switching/Operating Frequency	10 Hz
Number of Conductors	2
Electrical Connection	M12 x 1, AC, 3-pin
Cable Included	Yes
Length, cable	2 m
Material, cable jacket	PVC (Polyvinyl Chloride)
Colour, Cable Jacket	Grey
Material, body / housing	Plastic Body/Housing
Operating Temperature, max	80 °C max
Operating Temperature, min	-25 °C min
IP rating	IP67



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REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	EC3016TBAPL6_ManufacturerDatasheet
Manufacturer Catalogue & Product Selection:	-

Connection / Wiring Diagram