

Catalogue No: **EC3025TBAPL**

CAPACITIVE PLASTIC M30 AC SCR NO+NC 25mm 2M PREWIRED CAB

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



EC Series Capacitive Proximity Sensor, stainless steel M30 housing, non-flush type, 20 to 250 V AC power supply, SCR NC & NO output, 25mm sensing range, IP67 rating, 2m pre-wired cable



- Featuring TRIPLESIELD™ sensor protection to withstand electrostatic discharges up to 40KV, line transients up to 4KV, and airborne noise (ie. cellular phones) up to 15V/m.
- Various sizes including 12mm, 18mm, and 30mm 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

Product Series	EC
Component Type Field Switching & Sensing	Proximity Sensor
Sensing Mode	Capacitive
Shielded	No
Shape	Cylindrical - Threaded
Diameter	30 mm
Length	75.6 mm
Orientation	Straight Through
Mounting (Multiple)	Non-Flush Mount Mounting Nuts (Included) Mounting Bracket (Ordered Separately)
Teach Mode / Sensitivity Adjustment	Yes sensitivity
Sensing Distance, Min	4 mm min
Sensing Distance, Max	25 mm max
Ue, Rated Operational Voltage, AC, min	20 V AC
Ue, Rated Operational Voltage, AC, max	250 V AC
Switching Mode	N/O or N/C Selectable
Output Type	SCR
Switching/Operating Frequency	10 Hz
Number of Conductors	2 qty
Connection / Termination	Built-in cable with flying leads
Length, Cable	2 m
Colour, Cable Jacket	Grey colour
Material, cable jacket	PVC material
Material, Body / Housing	Plastic material
Operating Temperature, Max	80 °C max
Operating Temperature, Min	-25 °C min
IP Rating	IP67

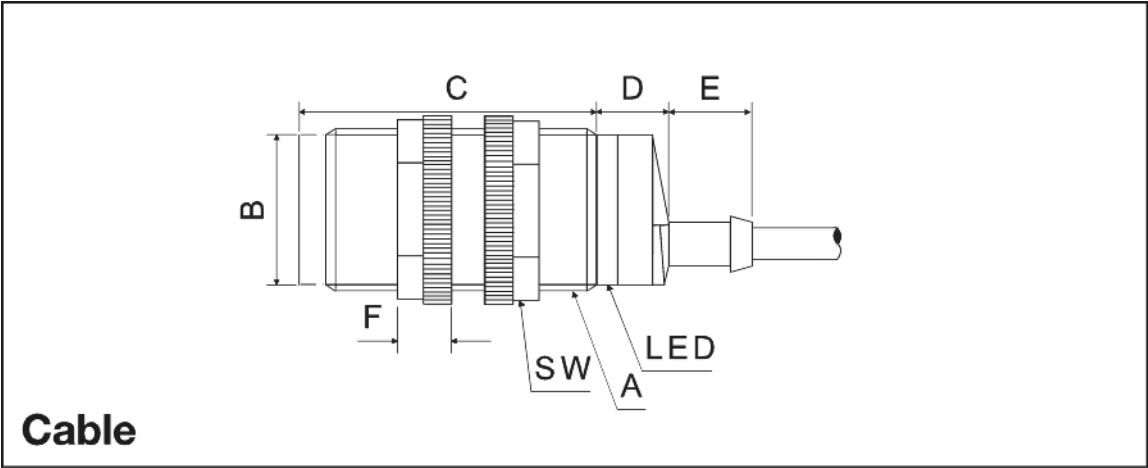
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REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	EC3016TBAPL6_ManufacturerDatasheet
Manufacturer Catalogue & Product Selection:	-



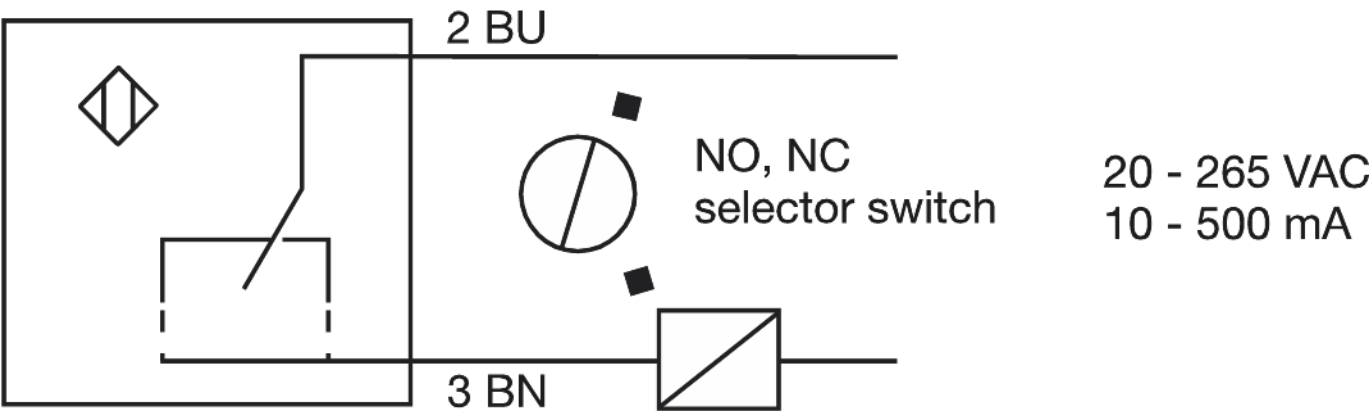
Type	A	B Ø mm	C mm	D mm	E mm	F mm	SW mm
EC 3016TBAPL(-6)	M30 x 1.5 x 50	28	50	13.6	15.4	10	36
EC 3025TBAPL(-6)	M30 x 1.5 x 50	28	62	13.6	15.4	10	36

Dimension Diagram

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Connection / Wiring Diagram

Ordering Key

Capacitive proximity switch

Housing diameter (mm)

Rated operating dist. (mm)

Output type

Housing material

Housing type

Connection type

EC 3025 TBA P L-6

Technical Diagram

