

Specifications



Photo is representative

Eaton E53KAL18T111E

Eaton E53 Series Tubular Capacitive Proximity Sensor, 0.71 dia, dist 15 mm, NO PNP Open Collector, 300 mA SS Output, 8 Ft. (2.5m) Cable, 10–30 Vdc input, <5% accuracy, Short circuit, reverse polarity, Unshielded, 6.6 Ft. (2m)

General specifications

PRODUCT NAME	Eaton E53 tubular capacitive proximity sensor
CATALOG NUMBER	E53KAL18T111E
UPC	782113887821
PRODUCT LENGTH/DEPTH	8 in
PRODUCT HEIGHT	1 in
PRODUCT WIDTH	6 in
PRODUCT WEIGHT	0.265 lb
WARRANTY	1 year
CERTIFICATIONS	CE

Product specifications

CONTACT RATING	300 mA Solid State Output
ACTUATOR FUNCTION	Unshielded
CABLE TYPE	Polyvinyl Chloride (PVC)
ACCURACY	< 5%
ENCLOSURE MATERIAL	Mounting Nuts: nylon 66 (PA66) Body: polyoxymethylene (POM)
CONNECTION	8 ft (2.4 m) cable
CONTACT CONFIGURATION	NO PNP open collector
SENSOR TYPE	Capacitive proximity
INPUT VOLTAGE	10-30 Vdc
LED INDICATOR	Output status
PROTECTION	Short circuit and reverse polarity
MAXIMUM DC CURRENT	300 mA
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-13 °F
CORD LENGTH	79.2 ft
ENVIRONMENTAL RATING	NEMA 1, NEMA 2, NEMA 3, NEMA 3S, NEMA 4, NEMA 12, NEMA 13, IP65

Resources

CATALOGS

[Product Range Catalog](#)
[Sensors – products, basic information, applications](#)

[Sensing Solutions](#),
[Capacitive Proximity Sensors, Volume 8, Tab 4](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - E53KAL18T111E](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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