

Eaton E53KBL18A2

Catalog Number: E53KBL18A2

Eaton E53 Series Tubular Capacitive Proximity Sensor, 0.71 dia, dist 8 mm, 300 mA max AC, 2-Wire AC, NC, 300 mA SS Output, 6.6 Ft. (2m) Cable, 20–250 Vac input, <5% accuracy, Shielded, 6.6 Ft. (2m)

General specifications

Product Name	Catalog Number
Eaton E53 tubular capacitive proximity sensor	E53KBL18A2
	UPC
	782113887692
Product Length/Depth	Product Height
0.71 in	3.15 in
Product Width	Product Weight
0.71 in	0.15 lb
Warranty	Certifications
1 year	CE



Product specifications

Contact configuration

2-wire AC, NC

Cord length

79.2 ft

Maximum AC current

300 mA

Operating temperature - min

-13 °F

Input voltage

20-250 Vac

Connection

6.6 ft (2 m) cable

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Output status

Enclosure material

Mounting Nuts: nylon 66 (PA66)

Body: polyoxymethylene (POM)

Accuracy

< 5%

Sensor type

Capacitive proximity

Contact Rating

300 mA Solid State Output

Operating temperature - max

158 °F

Environmental rating

NEMA 1, NEMA 2, NEMA 3, NEMA 3S, NEMA 4, NEMA 12,
NEMA 13, IP65

Actuator function

Shielded

Protection

None

Resources

Brochures

[Sensing solutions—versatile, robust and innovative](#)

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

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

Specifications and datasheets

[Eaton Specification Sheet - E53KBL18A2](#)



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