

# Eaton E52-18RU04-B

Catalog Number: E52-18RU04-B

Eaton E52 inductive proximity sensor, Right Angle, Sensor dist.: 4 mm, PBT composition encl, 100 mA, PNP Open Collector, NO, 100 mA at 30 Vdc, 6.6 Ft. (2m) Cable, 10-30 Vdc input, < 1% accuracydist., Un-shielded, 6.6 Ft. (2m)

## General specifications

Product Name	Catalog Number
Eaton E52 inductive proximity sensor	E52-18RU04-B
UPC	Product Length/Depth
782114013212	0.71 in
Product Height	Product Width
1.18 in	0.39 in
Product Weight	Warranty
0.1375 lb	1 year
Certifications	
UL Listed	

## Product specifications

### Contact configuration

PNP open collector, NO

### Cord length

2 m

### Operating temperature - min

14 °F

### Maximum DC current

100 mA

### Input voltage

10-30 Vdc

### Connection

6.6 ft (2 m) cable

### Cable type

Polyvinyl Chloride (PVC)

### LED indicator

Output status

### Enclosure material

PBT composition

### Accuracy

< 1%

### Sensor type

Inductive proximity

### Contact Rating

100 mA at 30 Vdc

### Operating temperature - max

131 °F

### Environmental rating

NEMA 1, NEMA 2, NEMA 3, NEMA 3S, NEMA 4, NEMA 12,  
IP66

### Actuator function

Unshielded

### Protection

Short circuit protected

## Resources

### Catalogs

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

### Specifications and datasheets

[Eaton Specification Sheet - E52-18RU04-B](#)



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