

Specifications



Photo is representative

Eaton 12155AL10

Eaton OEM Prism 18mm tubular photoelectric sensor, Forward Viewing, Sensor distance: 20 Ft., Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 6.6 Ft. (2m) Cable, Thru-beam, 6.6 Ft. (2m), Current Limited for loads >32V AC/DC

General specifications

PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	12155AL10
UPC	782113056562
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	1.5 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	0.2875 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	cUL Recognized UL Recognized
CATALOG NOTES	Synchronous design requires source and detector to be wired to each other



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Product specifications

CONTACT RATING 80 mA at 132 Vac / 110 mA at 132Vdc

CABLE TYPE Polyvinyl Chloride (PVC)

ENCLOSURE MATERIAL Lens: polycarbonate
Cable jacket: PVC
Body: structural polyurethane foam

OPERATING MODE Thru-beam

CONNECTION 6.6 ft (2 m) cable

CONTACT CONFIGURATION Isolated solid state relay

SENSOR TYPE Through beam

SWITCH TYPE Photoelectric

LED INDICATOR Output status: red

PROTECTION Current limited for loads less than 32 Vac/dc

CORD LENGTH 79.2 ft

MAXIMUM AC CURRENT 80 mA

MAXIMUM DC CURRENT 110 mA

OPERATING TEMPERATURE - MAX 131 °F

OPERATING TEMPERATURE - MIN -13 °F

ENVIRONMENTAL RATING NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13

Resources

CATALOGS [Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5](#)

SPECIFICATIONS AND DATASHEETS [Eaton Specification Sheet - 12155AL10](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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