Specifications



Photo is representative





Eaton E65-SMPP050-HL5

Eaton Perfect Prox Photoelectric Sensor, E65, Back Ground Suppression, Forward Viewing, Power (green), output (red), TargetLock (orange), 16.4 ft, 100 mA at 10-30 Vdc, PVC, NPN and PNP open collector, 10-30 Vdc

General specifications	
PRODUCT NAME	Eaton E65 SM compact photoelectric sensor
CATALOG NUMBER	E65-SMPP050-HL5
UPC	786685017570
PRODUCT LENGTH/DEPTH	2.17 in
PRODUCT HEIGHT	1.29 in
PRODUCT WIDTH	1.63 in
PRODUCT WEIGHT	0.1938 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed cUL Listed
CATALOG NOTES	Sensor will detect a 90% reflectance card at the Sensing Range; sensor will ignore a 90% reflectance card at the Cutoff Range
PRODUCT TYPE	Compact photoelectric sensors

Powering Business Worldwide

Product specifications

TYPE	Perfect Prox Photoelectric Sensor
CONTACT RATING	200 mA DC NPN / 200 mA AC 3 - Wire
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Body: cycoloy Cable jacket: PVC Lens: polycarbonate
OPERATING MODE	Background suppression
CONNECTION	6.6 ft (2 m) cable
CONTACT CONFIGURATION	AC: L1 switched DC: NPN open collector
SERIES	E65
SENSOR TYPE	Back ground suppression
SWITCH TYPE	Photoelectric
INPUT VOLTAGE	18-264 Vac, 18-50 Vdc
LED INDICATOR	Power on: green Marginal gain: orange Output status: red
PROTECTION	Auto reset short circuit
CORD LENGTH	79.2 ft
MAXIMUM AC CURRENT	200 mA
MAXIMUM DC CURRENT	200 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, IP68, IP69K

Resources

CATALOGS	Product Range Catalog Sensors – products, basic information, applications Original Equipment Manufacturer, Sensors and Limit Switches, Volume 9, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E65-SMPP050-HL5

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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