Specifications



Eaton 1451E-6547

Eaton Photoelectric Sensor, Polarized Retroreflective, Forward Viewing, Output (green), power (yellow), alignment (red), M12, 250 mA at 10-40 Vdc, 4 pin, NPN/PNP open collector outputs, 10-40 Vdc

General specifications

PRODUCT NAME	Eaton Enhanced 50 photoelectric sensor
CATALOG NUMBER	1451E-6547
UPC	782116111275
PRODUCT LENGTH/DEPTH	4.01 in
PRODUCT HEIGHT	1.81 in
PRODUCT WIDTH	1.91 in
PRODUCT WEIGHT	0.6 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Certified
PRODUCT TYPE	Photoelectric sensor

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Product specifications

CONTACT RATING	250 mA at 10-40 Vdc
ENCLOSURE MATERIAL	Fiberglass reinforced plastic
CONNECTION	M12
CONTACT CONFIGURATION	NPN/PNP open collector
SENSOR TYPE	Polarized retroreflective
INPUT VOLTAGE	10-40 Vdc
LED INDICATOR	Output: green Alignment: red Power: yellow
NUMBER OF PINS	4
PROTECTION	Output short circuit, overcircuit and reverse polarity
MAXIMUM DC CURRENT	250 mA
OPERATING TEMPERATURE - MAX	131 °F
OPERATING TEMPERATURE - MIN	-13 °F
ENVIRONMENTAL RATING	IP67, IP69K

Resources

CATALOGS	Sensing Solutions,Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 1451E-6547

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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