Specifications







Eaton E57-12GU04-GDB

Inductive Global Proximity Sensor, E57, 4 mm range, Straight, 12 mm, Unshielded, Output ON, M12, 3-wire, 100 mA at 10-30 Vdc, 4 pin, <1.0% sensing range, PNP open collector, NO, 10-30 Vdc

General specifications	
PRODUCT NAME	Eaton E57 inductive proximity sensor
CATALOG NUMBER	E57-12GU04-GDB
UPC	782114665053
PRODUCT LENGTH/DEPTH	2.68 in
PRODUCT HEIGHT	0.47 in
PRODUCT WIDTH	0.47 in
PRODUCT WEIGHT	0.2 lb
WARRANTY	1 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed CSA Certified

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Product specifications

TYPE	Inductive Global Proximity Sensor
CONTACT RATING	100 mA at 10-30 Vdc
ACTUATOR FUNCTION	Unshielded
ACCURACY	< 1.0% sensing range
ENCLOSURE MATERIAL	Nickel plated brass
CONNECTION	M12
CONTACT CONFIGURATION	PNP open collector, NO
SERIES	E57
NUMBER OF WIRES	3
ENVIRONMENTAL RATING	IP67, IP69K
NUMBER OF PINS	4
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-13 °F
MAXIMUM DC CURRENT	100 mA
INPUT VOLTAGE	10-30 Vdc
LED INDICATOR	Output ON
PROTECTION	Short circuit

Resources

CATALOGS	Product Range Catalog Sensors – products, basic information, applications Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3
MULTIMEDIA	We make what matters
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E57-12GU04-GDB

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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