

# Specifications



Photo is representative

## Eaton E57-12GE05-CDB

Eaton E57 Global Series Tubular Inductive Proximity Sensor, 0.47 diameter, Straight, Sensor dist.: 5 mm, 100 mA max DC, NPN Open Collector, NO, 100 mA at 30 Vdc, 4 Pin M12 Connector, 10-30 Vdc input, < 1% accuracy, Shielded

### General specifications

<b>PRODUCT NAME</b>	Eaton E57 inductive proximity sensor
<b>CATALOG NUMBER</b>	E57-12GE05-CDB
<b>UPC</b>	786685125350
<b>PRODUCT LENGTH/DEPTH</b>	0.47 in
<b>PRODUCT HEIGHT</b>	2.72 in
<b>PRODUCT WIDTH</b>	0.47 in
<b>PRODUCT WEIGHT</b>	0.0625 lb
<b>WARRANTY</b>	1 year
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	UL Listed CSA Certified



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## Product specifications

<b>CONTACT RATING</b>	100 mA at 30 Vdc
<b>ACTUATOR FUNCTION</b>	Shielded
<b>ACCURACY</b>	< 1%
<b>ENCLOSURE MATERIAL</b>	Nickel plated brass
<b>CONNECTION</b>	4-pin M12 connector
<b>CONTACT CONFIGURATION</b>	NPN open collector, NO
<b>SERIES</b>	E57
<b>SENSOR TYPE</b>	Inductive proximity
<b>ENVIRONMENTAL RATING</b>	IP67, IP69K
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-13 °F
<b>MAXIMUM DC CURRENT</b>	100 mA
<b>INPUT VOLTAGE</b>	10-30 Vdc
<b>LED INDICATOR</b>	Output status: red
<b>PROTECTION</b>	Short circuit protected

## Resources

<b>CATALOGS</b>	<a href="#">Product Range Catalog Sensors – products, basic information, applications</a> <a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a>
<b>MULTIMEDIA</b>	<a href="#">We make what matters</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - E57-12GE05-CDB</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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