

PRODUCT-DETAILS

Adam OSSD-Reset M12-5

Adam OSSD-Reset M12-5 Sensor



General Information

Extended Product Type	Adam OSSD-Reset M12-5
Product ID	2TLA020051R5600
EAN	7350024480351
Catalog Description	Adam OSSD-Reset M12-5 Sensor
Long Description	<p>Eden is a non-contact safety sensor used as interlocking device for e.g. doors and safe position monitoring.</p> <p>Adam safety sensor with OSSD signals and reset with indication. Used with an Eva actuator to form a non-contact safety sensor Eden. M12-5 male connector. Four pieces of DA 1B distance plates and four pieces of DA 2B distance rings are included.</p> <p>Adam senses the presence of Eva without mechanical contact and therefore without any wear. The compact size of Eden and its 360° mounting possibility make it easy to use in most applications.</p> <p>Eden is UL approved for use in US and Canada.</p>

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8536508099
Product Main Type	Eden
Product Name	Sensor
Function	Non-contact safety sensor used as interlocking device - Actuator to be ordered separately

Sub-Function	Local reset
Status Indicator	Yes

Popular Downloads

Data Sheet, Technical Information	2TLC010044L0201
Instructions and Manuals	2TLC172272M0201
CAD Dimensional Drawing	2CDC001079B0201
Marketing Video	2TLC010019N0201 2TLC010018N0201

Dimensions

Product Net Depth / Length	12 mm
Product Net Height	75.2 mm
Product Net Width	30 mm
Product Net Weight	0.026 kg

Safety Information

Certification Agency	TÜV Süd
Safety Category	4
Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	3

Technical

Communication Interface	OSSD
Connection Configuration	M12-5 male
Number of Outputs	Non-Failsafe, Undelayed Contacts 0 Non-Failsafe, Undelayed Semiconductors 0
Operating Distance (S _n)	15 mm
PCB Coated	No
Probability of Dangerous Failure per Hour (PFDH)	4.5 10 ⁻⁹ hour
Rated Control Supply Voltage (U _s)	24 V DC

Technical UL/CSA

Enclosure Type UL/CSA	4X
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Environmental

Ambient Air Temperature	Operation -30 ... 70 °C Storage -40 ... +70 °C
Degree of Protection	IP67 IP69K

Material	Housing: Plastic (PBT) Coating housing: Uncoated Moulding: Epoxy
	35 to 85% (no icing, no condensation)

Certificates and Declarations

CQC Certificate	No declaration needed
cULus Certificate	2TLC172264D0201
Declaration of Conformity - CCC	No declaration needed
Declaration of Conformity - CE	2TLC172261D0201
Declaration of Conformity - UKCA	2TLC010160D0201
TÜV Certificate	2TLC172297D0201
UL Certificate	2TLC172264D0201

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	0.016 m
Package Level 1 Depth / Length	0.075 m
Package Level 1 Height	0.075 m
Package Level 1 Gross Weight	0.052 kg
Package Level 1 EAN	7350024480351

Classifications

eClass	V11.0 : 27272402
ETIM 7	EC002544 - Magnetic proximity switch
ETIM 8	EC002544 - Magnetic proximity switch
ETIM 9	EC002544 - Magnetic proximity switch
IDEA Granular Category Code (IGCC)	6147 >> Non contact sensors
UNSPSC	41111916
Object Classification Code	B
E-Number (Sweden)	3861645

Categories

Low Voltage Products and Systems → Control Products → Safety Products → Safety Sensors, Switches and Locks → Eden

