Adam OSSD-Reset M12-8

Adam OSSD-Reset M12-8 Sensor

General Information

Extended Product Type	Adam OSSD-Reset M12-8
Product ID	2TLA020051R5900
EAN	7350024480382
Catalog Description	Adam OSSD-Reset M12-8 Sensor
Long Description	Eden is a non-contact safety sensor used as interlocking device for e.g. doors and safe position monitoring. Adam safety sensor with OSSD signals and reset with indication. Used with an Eva actuator to form a non-contact safety sensor Eden. M12-8 male connector. Four pieces of DA 1B distance plates and four pieces of DA 2B distance rings are included. 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. Eden is UL approved for use in US and Canada.

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

2023/09/11

Sub-Function	Local reset and Info signal
Status Indicator	Yes

Popular Downloads

Data Sheet, Technical Information	2TLC010044L0201
Data Sheet, Technical Information (Part 2)	2TLC172212D0201
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	M12-8 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

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	7350024480382

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)	3830214

Categories

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

             Subject to change without notice