



PRODUCT-DETAILS

# Adam OSSD-Info M12-8

## Adam OSSD-Info M12-8 Sensor



General Information	
Extended Product Type	Adam OSSD-Info M12-8
Product ID	2TLA020051R5700
EAN	7350024480368
Catalog Description	Adam OSSD-Info 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 information output. 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	8536508090
Product Main Type	Eden
Product Name	Sensor
Function	Non-contact safety sensor used as interlocking device - Actuator to be ordered separately
Sub-Function	Info signal
Status Indicator	Yes

### Popular Downloads

Data Sheet, Technical Information	2TLC010044L0201
Data Sheet, Technical Information (Part 2)	2TLC172213D0201
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 1
Operating Distance (S <sub>n</sub> )	15 mm
PCB Coated	No
Probability of Dangerous Failure per Hour (PFDH)	4.5 10<sup>-9</sup> hour
Rated Control Supply Voltage (U <sub>s</sub> )	24 V DC

### Technical UL/CSA

Enclosure Type UL/CSA

4X

Environmental

Ambient Air Temperature	Operation -40 ... 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)

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2022-006480
RoHS Information	2CMT2022-006499
Toxic Substances Control Act - TSCA	2CMT2023-006522
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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	7350024480368

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)	3830216

Categories

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

