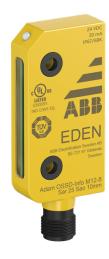
Adam OSSD-Info M12-8



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

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

Long Description

Adam OSSD-Info M12-8

Product Name	Sensor	
Function	Non-contact safety sensor used as interlocking device - Actuator to be ordered	
Sub-Function	separately Info signal	
Status Indicator	Yes	
otatao maioatoi		
Popular Downloads		
Data Sheet, Technical	2TLC010044L0201	
Information		
Data Sheet, Technical Information (Part 2)	2TLC172213D0201	
Instructions and Manuals CAD Dimensional	2TLC172272M0201	
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 _n)	15 mm	
PCB Coated	No	
Probability of Dangerous Failure per Hour (PFDH)	4.5 10 ⁻⁹ hour	
Rated Control Supply	24 V DC	
Voltage (U _s)		
Tachnical III /CSA		
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)	
© 2024 ABB. All rights reserved.	2024/04/12 Subject to chan	ge without not
		J

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)

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	В
E-Number (Sweden)	3830216

Adam OSSD-Info M12-8 4/4

Categories

 $Low\ Voltage\ Products\ \rightarrow\ Safety\ Products\ \rightarrow\ Safety\ Sensors,\ Switches\ and\ Locks\ \rightarrow\ Eden$





