



 PRODUCT-DETAILS

Adam DYN-Info M12-5

Adam DYN-Info M12-5 Sensor



General Information

Extended Product Type:	Adam DYN-Info M12-5
Product ID:	2TLA020051R5100
EAN:	7350024480306
Catalog Description:	Adam DYN-Info 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 DYNlink signal and information output. 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>
Display Name:	Adam DYN-Info M12-5

Ordering

Minimum Order Quantity:	1 piece
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Customs Tariff Number:	8536508000
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):	2TLC172209D0201
CAD Dimensional Drawing:	2CDC001079B0201
EPLAN Data:	9AAC170156_EPLAN
Marketing Video:	2TLC010019N0201 2TLC010018N0201

Installation

Instructions and Manuals:	2TLC172271M0201
Mounting Type:	Not flat

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:	DYNlink
Connection Configuration:	M12-5 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 Voltage (U _s):	24 V DC

Technical UL/CSA

Enclosure Type UL/CSA:	4X
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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
Operating Humidity (RH _{amb}):	35 to 85% (no icing, no condensation)

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
REACH Declaration:	2CMT2022-006480
RoHS Declaration:	2CMT2022-006499
RoHS Information:	No declaration needed
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)

ABB EcoSolutions

Environmental Product Declaration - EPD:	2TLC010222D0201
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Certificates and Declarations

CQC Certificate:	No declaration needed
cULus Certificate:	2TLC172139D0201
Declaration of Conformity - CCC:	No declaration needed
Declaration of Conformity - CE:	2TLC172133D0201
Declaration of Conformity - UKCA:	2TLC010159D0201
TÜV Certificate:	2TLC172134D0201

UL Certificate: 2TLC172139D0201

Container Information

Package Level 1 Units:	box 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:	7350024480306

External Classifications and Standards

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 (Finland):	2313726
E-Number (Sweden):	3830222

Categories

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

