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
	Eden is a non-contact safety sensor used as interlocking device for e.g. doors and safe position monitoring.
Long Description	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. 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
Sub-Function	Info signal

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Status Indicator	Yes

Popular Downloads

Data Sheet, Technical Information	2TLC010044L0201
Data Sheet, Technical Information (Part 2)	2TLC172209D0201
Instructions and Manuals	2TLC172271M0201
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	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)	$4.5 \cdot 10^{-9}$ hour
Rated Control Supply Voltage (U_s)	24 V DC

Technical UL/CSA

Enclosure Type UL/CSA	4X

Environmental

Ambient Air Temperature	Operation -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)
REACH Declaration	2CMT2022-006480

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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	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

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 (Finland)	2313726
E-Number (Sweden)	3830222

Categories

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