PRODUCT-DETAILS

Adam C OSSD-Info M12-5
Adam C OSSD-Info M12-5 Sensor

General Information

Extended Product Type	Adam C OSSD-Info M12-5
Product ID	2TLA020051R5401
EAN	7350024486612
Catalog Description	Adam C OSSD-Info M12-5 Sensor
Long Description	Adam safety sensor unit with OSSD signals and information output. M12-5 male connector, IP69K, yellow. 4pcs of DA 1B distance plates and 4pcs of DA 2B distance rings are included. Coated PCBA for extra protection in demanding environments.

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)	2TLC172211D0201
Instructions and Manuals	2TLC172272M0201
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	cCSAus
Safety Category	4
Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	3

Technical

Communication Interface	OSSD
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	Yes
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 95%

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

2024/04/12   Subject to change without notice

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	7350024486612

Classifications

eClass	V11.0 : 27272402
ETIM 7	EC002544 - Magnetic proximity switch
ETIM 8	EC002544 - Magnetic proximity switch
ETIM 9	EC002544 - Magnetic proximity switch
UNSPSC	39122221
Object Classification Code	B
E-Number (Sweden)	3834857

Categories

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