



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

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## Popular Downloads

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Data Sheet, Technical Information	2TLC010044L0201
Data Sheet, Technical Information (Part 2)	2TLC172211D0201
Marketing Video	2TLC010019N0201 2TLC010018N0201

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## Installation

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Instructions and Manuals	2TLC172272M0201
Mounting Type	Not flat

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## Dimensions

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Product Net Depth / Length	12 mm
Product Net Height	75.2 mm
Product Net Width	30 mm
Product Net Weight	0.026 kg

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## Safety Information

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Certification Agency	cCSAus
Safety Category	4
Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	3

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## Technical

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Communication Interface	OSSD
Connection Configuration	M12-5 male
Number of Outputs	Non-Failsafe, Undelayed Contacts 0 Non-Failsafe, Undelayed Semiconductors 1
Operating Distance (S <sub>n</sub> )	15 mm
PCB Coated	Yes
Probability of Dangerous Failure per Hour (PFDH)	4.5 10 <sup>-9</sup> <sup>-9</sup> hour
Rated Control Supply Voltage (U <sub>s</sub> )	24 V DC

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## Technical UL/CSA

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Enclosure Type UL/CSA	4X
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## Environmental

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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%

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## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2022-006480
RoHS Declaration	2CMT2022-006499
RoHS Information	No declaration needed
SCIP	0f39685f-e121-42a7-b2e9-faa730e56b62 Sweden
Simplified SCIP	6d88b91c-6ae5-47d3-b2a8-e658b7537a1a Bulgaria ac572a62-0362-4fcc-86a7-b11a68101734 Sweden 6c49e778-cfd8-46cd-97d9-b5b0710b4392 Poland f678127c-af9a-4129-89e8-d98720c571fc France a056d41e-89a6-49f7-a258-c0d4d9e896bd Germany 5ea6bc73-74d4-4b1f-85c2-8aefbb67954e France 3ad8cdb2-e7e1-4411-b7b8-aa65cd98bf59 Hungary 6e49300e-47ae-416b-9d01-8158f3f12bd7 Spain 6f64b138-dccd-40ab-ae5a-426315cdae98 Belgium 564b67d7-eaaa-4639-960d-87d6a594c16f Germany bfc1a16d-0f5a-4cc9-a146-3a1391933f81 Poland 773d5615-db41-49e8-9c54-11f1057310dd Norway f92b6a23-6f72-4c16-bef7-58358db2e5c7 Finland 27a8705b-7654-4b94-aa2a-4bc69231ec81 Germany 223ad867-97b2-45c8-9c07-ca3741574dd8 Denmark dd51cf74-a390-42da-a6af-7e7b1106e9fc Germany 31acaf7b-ab64-4e10-82cf-f7b082dbe259 Croatia 3247dc73-36a7-4827-96de-4cee1c6ee79b Czech Republic 0921a3ef-53a2-4495-84d0-705f1e8d2a98 Poland 678d31fb-c451-401c-9d02-b07ebd5ca2bf Netherlands f0513185-a193-4294-8150-a085631beee4 Hungary d090157f-dd83-4c7a-84eb-baa93b6d8065 Estonia 509c3e6b-5f6b-4e4f-9643-db27991ca527 Greece b36934e4-bdcc-4805-87cd-940bc7027254 Italy 07fe4908-67e0-4a44-8e5a-ab0c41742f0a Belgium ff3fd75b-c2be-453f-9156-a8f1dcdc0192 Germany 53233006-9cf0-4c47-97f8-d8cf091aa890 Portugal
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	bag 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

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## External Classifications and Standards

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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

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## Categories

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

