

INDUSTRIAL COMPONENT DATA

2TLA020051R5401 ABB Adam OSSD-Info M12-5 Position Sensor

Brand: ABB | Manufacturer Part Number: 2TLA020051R5401

Manufacturer	ABB
MPN / Reference	2TLA020051R5401
Catalog number	2TLA020051R5401
Category	Magnetic proximity switch
Minimum order	1 Pcs
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Product Overview

Adam OSSD-Info M12-5 Position Sensor

Adam C OSSD-Info M12-5 Sensor

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **ABB > Fences and rolling doors**

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

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) 2TLC172211D0201

Marketing Video 2TLC010019N0201

2TLC010018N0201

Installation

Instructions and Manuals 2TLC172272M0201

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 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 (Sn) 15 mm

PCB Coated Yes

Probability of Dangerous Failure per Hour (PFDH) 4.5 10⁻⁹ hour

Rated Control Supply Voltage (Us) 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

Operating Humidity (RHamb) 35 to 95%

Material Compliance

Conflict Minerals Reporting Template (CMRT) 9AKK108467A5658

REACH Declaration 2CMT2022-006480

RoHS Declaration 2CMT2022-006499....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2TLA020051R5401 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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