

INDUSTRIAL COMPONENT DATA

D41D-2CD-025N2 D41D8002D D41D2CD025N2 OMRON

Non-contact Interlock Switch, RFID High-coded, PNP, Test Pulse, ..

Brand: OMRON | Manufacturer Part Number: D41D-2CD-025N2



Manufacturer	OMRON
MPN / Reference	D41D-2CD-025N2
Catalog number	D41D2CD025N2
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-162C8D758B
Generated	2026-07-31

Product Overview

Non-contact Interlock Switch, RFID High-coded, PNP, Test Pulse, Pigtail with M12 connector 8-pole

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Safety > Others

Additional Product Information

CodingUniqueConnection methodM12 pigtail connectorDegree of protection (IP)IP65/IP67Diagnostic LEDDoor contacts NC2Door contacts NO1Door switch typeNon-contact, RFID codedGuard-lockHigh coding levelLED indicatorMaterial housingPBTNumber of auxiliary outputs1Auxiliary monitoring outputPNP type, short-circuit proofCable exit directionBottomMake before breakMax. differential travel20 %Max. operating distance ON to OFF18 mmMin. operating distance OFF to ON10 mmMounting methodM4 screwsNumber of connectable switches30 max. (wiring length: 100 m max.)Number of OSSD2Output test pulsesOutput typePNPShapeRectangular compactSwitch without actuatorTeaching limitationVibration resistance10 to 55 Hz, amplitude 1.0 mm

ETIM for 701114 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Other

Type of switching contact (EF003591)

Other

Degree of protection (NEMA) (EF011959)

6

Coating housing (EF001601)

Plastic-coated

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Plug-in connection others

Type of interface (EF006977)

None

Housing material (EF001596)

Plastic

Explosion safety category for gas (EF003997)

None

With status indication (EF001602)

Yes

Suitable for safety functions (EF001597)

Yes

Forced opening (EF006694)

No

Number of contacts as change-over contact (EF008257)

0

Number of contacts as normally open contact (EF0082...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D41D-2CD-025N2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.