

INDUSTRIAL COMPONENT DATA

D41D-1CD-N1 D41D8001F D41D1CDN1 OMRON Non-contact Interlock Switch, RFID High-coded, PNP, Test Pulse, Connec..

Brand: OMRON | Manufacturer Part Number: D41D-1CD-N1



Manufacturer	OMRON
MPN / Reference	D41D-1CD-N1
Catalog number	D41D1CDN1
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-CB682EC7A2
Generated	2026-08-01

Product Overview

Non-contact Interlock Switch, RFID High-coded, PNP, Test Pulse, Connector plug M8

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 methodConnector M8 - 8 pinDegree 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 701115 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)

Connector M8

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 (EF008256)

1

Number o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D41D-1CD-N1 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.