

INDUSTRIAL COMPONENT DATA

D41G-2YDG-N2 D41G8009E D41G2YDGN2 OMRON Guard locking Switch, RFID High-coded, Solenoid monitoring, Power to..

Brand: OMRON | Manufacturer Part Number: D41G-2YDG-N2



Manufacturer	OMRON
MPN / Reference	D41G-2YDG-N2
Catalog number	D41G2YDGN2
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-39D6A0D0D8
Generated	2026-08-03

Product Overview

Guard locking Switch, RFID High-coded, Solenoid monitoring, Power to lock, PNP, Test Pulse, Connector plug M12, 8-pole, re-teaching enabled

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 M12 - 8 pinDegree of protection (IP)IP66/IP67Diagnostic LEDDoor contacts NC2Door contacts NO1Door switch typeRFID magneticGuard-lockHigh coding levelLED indicatorLock/Release key typeStandard keyMaterial housingPBTNumber of auxiliary outputs1Number of safety inputs2Output test pulsesOutput typePNPSolenoid voltage24 VTeaching limitationOSSD configurationGuard monitoring AND lock monitoringLock/Release logicPower to lock (Solenoid lock)
ETIM for 701142 Sensors (EC002593)
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)

4X

Coating housing (EF001601)

Plastic-coated

Degree of protection (IP) (EF005474)

IP66/IP67

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Connector M12

Type of interface (EF006977)

None

Housing material (EF001596)

Plastic

Type of guard locking (EF012608)

Operating current principle

Explosion safety category for gas (EF003997)

None

With auxiliary release (EF011964)

No

With status indication (EF001602)

Yes

Suitable for safety functions (EF001597)

Yes

With escape release (EF007172)

Yes

Number of contacts as change-over contact (EF008257)

0

Number of contacts as normally open contact (EF008256)

1

Guard locking force (EF007552)

2000 N

Number of safety auxiliary contacts (EF006940)

1

Rated operation current I_e at DC-13, 24 V (E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D41G-2YDG-N2 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.