

## INDUSTRIAL COMPONENT DATA

# D41G-2YDA-N2 D41G8008G D41G2YDAN2 OMRON Guard locking Switch, RFID High-coded, Solenoid monitoring, Power to..

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



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D41G-2YDA-N2                       |
| Catalog number  | D41G2YDAN2                         |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-27498F6212                      |
| Generated       | 2026-08-05                         |

## Product Overview

Guard locking Switch, RFID High-coded, Solenoid monitoring, Power to unlock, 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 &gt; Safety &gt; 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 701143 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-2YDA-N2 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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