

## INDUSTRIAL COMPONENT DATA

# D41L-2YDG-N2 D41L8009G D41L2YDGN2 OMRON Hygienic Guard locking Switch, RFID High-coded, Solenoid monitoring,..

Brand: OMRON | Manufacturer Part Number: D41L-2YDG-N2



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | D41L-2YDG-N2                       |
| Catalog number  | D41L2YDGN2                         |
| Category        | Position switch with guard locking |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-7A3A4B8D95                      |
| Generated       | 2026-08-05                         |

## Product Overview

Hygienic 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 &gt; Safety &gt; Others

## Additional Product Information

CodingUniqueConnection methodConnector M12 - 8 pinDegree of protection (IP)IP66/IP67/IP69Diagnostic 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 VSwitch without actuatorTeaching limitationOSSD configurationGuard monitoring AND lock monitoringLock/Release logicPower to lock (Solenoid lock)With escape release

ETIM for 701129 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)  
No  
Number of contacts as change-over contact (EF008257)  
0  
Number of contacts as normally open contact (EF008256)  
1  
Guard locking force (EF007552)  
1150 N  
Number of safety auxiliary contacts (EF006940)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D41L-2YDG-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

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