

INDUSTRIAL COMPONENT DATA

D4SL-N4GFG-D D4SL2181G D4SLN4GFGD OMRON Lock solenoid 3nc contact forms + 1NC/1NO IP67 M20 LED Plastic Termi..

Brand: OMRON | Manufacturer Part Number: D4SL-N4GFG-D



Manufacturer	OMRON
MPN / Reference	D4SL-N4GFG-D
Catalog number	D4SLN4GFGD
Category	Position switch with guard locking
Minimum order	1 Pcs
Document ID	EO-3F6C4CED8C
Generated	2026-07-29

Product Overview

Lock solenoid 3nc contact forms + 1NC/1NO IP67 M20 LED Plastic Terminals

Guard lock safety-door switch, D4SL-N, M20, 3NC + 1NC/1NO, head: resin, 24VDC solenoid lock/mechanical release, LED indicator

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 > D4DL/DS/DH/DR/GL/NL/NH/NS
--------------	--

Additional Product Information

Door switch typeKey-operatedGuard-lockMaterial housingPlasticMaterial headResinAmbient temperature (operating)-10-55 °CHolding force1300 NDirection of operationAdjustableDoor contacts NC3Door contacts NO0Lock monitor contacts NC1Lock monitor contacts NO1Lock/Release key typeStandard keyLock/Release key positionFront + BackLock/Release key materialMetalSolenoid voltage24 VLED indicatorConnection methodTerminal blockCable length0 mDegree of protection (IP)IP67Conduit sizeM20Number of conduits1ShapeCuboidOverall length of sensor179.9 mmHeight of sensor39 mmWidth of sensor39 mmSwitch without actuatorLock/Release logicPower to lock (Solenoid lock)
ETIM for 382569 Sensors (EC002593)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Degree of protection (NEMA) (EF011959)

4X

Coating housing (EF001601)

Other

Degree of protection (IP) (EF005474)

IP67

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Cable entry metrical

Type of interface (EF006977)

None

Housing material (EF001596)

Plastic

Explosion safety category for gas (EF003997)

None

With auxiliary release (EF011964)

Yes

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)

1300 N

Rated operation current Ie at...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4SL-N4GFG-D 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.