

## INDUSTRIAL COMPONENT DATA

# D4GS-N1R D4GS0019H D4GSN1R OMRON Input side pin 1NO+1NC

Brand: OMRON | Manufacturer Part Number: D4GS-N1R



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | OMRON                                  |
| MPN / Reference | D4GS-N1R                               |
| Catalog number  | D4GSN1R                                |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-622E4F85B0                          |
| Generated       | 2026-07-31                             |

## Product Overview

Input side pin 1NO+1NC

Safety door switch, IP67, 1NC/1NO (slow-action), horizontal key insertion, 1 m cable

## 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

Door switch typeKey-operatedGuard-lockAmbient temperature (operating)-30-70 °CDirection of operationHorizontalDoor contacts NC1Door contacts NO1LED indicatorConnection methodCableCable length1 mDegree of protection (IP)IP67Conduit sizeNot ApplicableNumber of conduits0Switch actionSlow actionShapeCuboidOverall length of sensor85 mmHeight of sensor17 mmWidth of sensor30 mm

ETIM for 133907 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Slow-action switch

Degree of protection (NEMA) (EF011959)

Other  
Coating housing (EF001601)  
Other  
Degree of protection (IP) (EF005474)  
IP67  
Type of interface for safety communication (EF003956)  
None  
Type of electric connection (EF003961)  
With cable preassembled  
Type of interface (EF006977)  
None  
Housing material (EF001596)  
Other  
Explosion safety category for gas (EF003997)  
None  
With status indication (EF001602)  
No  
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  
Rated operation current  $I_e$  at AC-15, 230 V (EF001385)  
0.75 A  
Number of safety auxiliary contacts (EF006940)  
0  
Rated operation current  $I_e$  at DC-13, 230 V (EF001386)  
0.27 A  
Number of contacts as normally closed contact (EF008255)  
1  
Width sensor (EF007094)  
30 mm  
Height of sensor (EF007283)  
17 mm  
Length of sensor (EF007334)  
85 mm  
A...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4GS-N1R 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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