

## INDUSTRIAL COMPONENT DATA

# F3S-TGR-NLPR-20-M1J8 AA020797B F3STGRNLPR20M1J8

## OMRON Switch Sec. PLe Plast. Long Reed 2NC M12-8pin

Brand: OMRON | Manufacturer Part Number: F3S-TGR-NLPR-20-M1J8



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | OMRON                                  |
| MPN / Reference | F3S-TGR-NLPR-20-M1J8                   |
| Catalog number  | F3STGRNLPR20M1J8                       |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-C1C041B3C3                          |
| Generated       | 2026-07-29                             |

### Product Overview

Switch Sec. PLe Plast. Long Reed 2NC M12-8pin

Non-contact door switch, reed, elongated sensor M12 connector, plastic, 2NC contacts

## 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; Contactless Switches TGR

### Additional Product Information

Door switch typeNon-contact, ReedGuard-lockCodingUncodedMaterial housingPolyesterAmbient temperature (operating)-25-80 °CDoor contacts NC2Door contacts NO1LED indicatorConnection methodM12 pigtail connectorCable length0.25 mCable exit directionLeftDegree of protection (IP)IP67Output typeReed contactShapeRectangularOverall length of sensor88 mmHeight of sensor13 mmWidth of sensor25 mmSwitch without actuator

ETIM for 231387 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cuboid

Type of switching contact (EF003591)

Other

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)  
Connector M12  
Type of interface (EF006977)  
None  
Housing material (EF001596)  
Plastic  
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)  
1 A  
Number of safety auxiliary contacts (EF006940)  
0  
Rated operation current  $I_e$  at DC-13, 24 V (EF007087)  
0.2 A  
Number of contacts as normally closed contact (EF008255)  
2  
Width sensor (EF007094)  
25 mm  
Height of sensor (EF007283)  
13 mm  
Length of sensor (EF00733...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NLPR-20-M1J8 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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