

## INDUSTRIAL COMPONENT DATA

# F3S-TGR-NLPM-21-M1J8 AA039147A F3STGRNLPM21M1J8 OMRON Switch Sec. PLe Long-Plast. RFID Master 2NC+1NO LED M1..

Brand: OMRON | Manufacturer Part Number: F3S-TGR-NLPM-21-M1J8



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | OMRON                                  |
| MPN / Reference | F3S-TGR-NLPM-21-M1J8                   |
| Catalog number  | F3STGRNLPM21M1J8                       |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-DAD5222172                          |
| Generated       | 2026-08-03                             |

## Product Overview

Switch Sec. PLe Long-Plast. RFID Master 2NC+1NO LED M12-8p

Non-contact door switch, RFID master coded, elongated plastic housing, 2NC/1NO, M12 connector pigtail 8-pin

## 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, RFID codedGuard-lockCodingMasterMaterial housingPolyesterAmbient temperature (operating)-25-80 °CDoor contacts NC2Door contacts NO1LED indicatorConnection methodM12 pigtail connectorCable length0.25 mCable exit directionLeftDegree of protection (IP)IP67Output typeTransistorShapeRectangularOverall length of sensor88 mmHeight of sensor13 mmWidth of sensor25 mmSwitch without actuator

ETIM for 378257 Sensors (EC002592)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Special construction

Type of switching contact (EF003591)

Other  
Degree of protection (NEMA) (EF011959)  
Other  
Coating housing (EF001601)  
Plastic-coated  
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)  
Yes  
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 A  
Rated operation current  $I_e$  at DC-13, 125 V (EF007085)  
0 A  
Number of safety auxiliary contacts (EF006940)  
0  
Rated operation current  $I_e$  at DC-13, 24 V (EF007087)  
0.2 A  
Rated operation current  $I_e$  at DC-13, 230 V (EF001386)  
0 A  
Numbe...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NLPM-21-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

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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