

## INDUSTRIAL COMPONENT DATA

**F3S-TGR-NMHC-21-M1J8-R AA040318F****F3STGRNMHC21M1J8R OMRON Switch Sec. PLe Mini. Toilet  
Codif. 2NC+1NO LED M12..**

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



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | OMRON                                  |
| MPN / Reference | F3S-TGR-NMHC-21-M1J8-R                 |
| Catalog number  | F3STGRNMHC21M1J8R                      |
| Category        | Position switch with separate actuator |
| Minimum order   | 1 Pcs                                  |
| Document ID     | EO-A6B292D1F2                          |
| Generated       | 2026-08-04                             |

## Product Overview

Switch Sec. PLe Mini. Toilet Codif. 2NC+1NO LED M12-8p Dch

Sec. switch PLe Mini. Hygienic Codif. 2NC+1NA LED M12-8p Dch

## 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

Hall Coded Non-contact Safety Switches

F3S-TGR-N@C

Hall coded non-contact switches monitor the status of guarding doors.

Stainless steel housing for high hygiene demands in the food industry are available.

- Based on hall technology
- Connect up to 3 switches in series
- LED supports easy diagnosis
- Operates with all OMRON safety controllers
- Operates behind stainless steel fittings
- Non-contact - no abrasion - no particles
- Compensation of mechanical tolerances
- Suitable for high pressure cleaning, CIP/SIP

processes due IP69K (pre-wired types)

- Conforms to safety categories up PLe acc. EN ISO13849-1

Model Number Structure

F3S-TGR-N@@C-21-@@

1 23

1.Type

L:Elongated Sensor

S:Small Sensor

M: Miniature Sensor

B:Barell Sensor

2.Housing Material

P:Plastic Housing

M: Stainless Steel Housing

H:Hygienic designed Stainless Steel Housing

F:Special Food Type Stainless Steel Housing

3.Cable Length/connection

05:5 m Cable

05-R\*: 5 m Cable exit to the right

10:10 m Cable

10-R\*: 10 m Cable, exit to the right

M1J8: M12 male connector, 8 pin, fitted with 250 mm cable

M1J8-R\*:M12 male connector, 8 pin, fitted with 250 mm cable exit to the right

\* only for F3S-TGR-NMPC and F3S-TGR-NMHC

1

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NMHC-21-M1J8-R 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

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.