

INDUSTRIAL COMPONENT DATA

F3S-TGR-NSPR-21-M1J8 AA031318G F3STGRNSPR21M1J8

OMRON Switch Sec. PLe Small Plast. Reed 2NC+1NO M12-8pin

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



Manufacturer	OMRON
MPN / Reference	F3S-TGR-NSPR-21-M1J8
Catalog number	F3STGRNSPR21M1J8
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-9933FB97AF
Generated	2026-08-03

Product Overview

Switch Sec. PLe Small Plast. Reed 2NC+1NO M12-8pin

Non-contact door switch, reed, small plastic, 2NC+1NO, M12 connector pigtail

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 > 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 contactShapeRectangular smallOverall length of sensor50 mmHeight of sensor13 mmWidth of sensor25.5 mmSwitch without actuator

ETIM for 330849 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)

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)

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

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

Number of conta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-NSPR-21-M1J8 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.