

INDUSTRIAL COMPONENT DATA

F3S-TGR-SMSA-M1J8 AA040396H F3STGRSMSAM1J8

OMRON Switch Sec. PLe Independ. Metal 1 sensor 2NC+1NO LED M12-8p

Brand: OMRON | Manufacturer Part Number: F3S-TGR-SMSA-M1J8



Manufacturer	OMRON
MPN / Reference	F3S-TGR-SMSA-M1J8
Catalog number	F3STGRSMSAM1J8
Category	Position switch with separate actuator
Minimum order	1 Pcs
Document ID	EO-99992B20D4
Generated	2026-08-02

Product Overview

Switch Sec. PLe Independ. Metal 1 sensor 2NC+1NO LED M12-8p

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

FeaturesStandalone non-contact door switch

Standalone non-contact switches support applications like guarding doors or position monitoring in machines. They are using the proven Omron non-contact technology allowing to cover mechanical tolerances and vibrations.

Models with single or dual actuator available

Based on hall technology

Connect up to 20 switches in series

LED for easy diagnosis

Operates behind stainless steel fittings

Non-contact - no abrasion - no particles

Compensation of mechanical tolerances

Suitable for high pressure cleaning, CIP and SIP processes due IP69K (pre-wired types)

Conforms to safety categories up to PLe acc. EN ISO 13849-1

Ordering information

Switches

Polyester housing

Type

Cable connection

Order code

Single actuator sensing

5 m pre-wired

F3S-TGR-SPSA-05

10 m pre-wired

F3S-TGR-SPSA-10

M12, 8-pin

F3S-TGR-SPSA-M1J8

Dual actuator sensing

5 m pre-wired

F3S-TGR-SPSD-05

10 m pre-wired

F3S-TGR-SPSD-10

M12, 8-pin

F3S-TGR-SPSD-M1J8

Stainless steel housing

Type

Cable connection

Order code

Single actuator sensing

5 m pre-wired

F3S-TGR-SMSA-05

10 m pre-wired

F3S-TGR-SMSA-10

M12, 8-pin

F3S-TGR-SMSA-M1J8

Dual actuator sensing

5 m pre-wired

F3S-TGR-SMSD-05

10 m pre-wired

F3S-TGR-SMSD-10

M12, 8-pin

F3S-TGR-SMSD-M1J8

Accessories

Order code

Cables 8-pin

2 m

Y92E-M12PURSH8S2M-L

5 m

Y92E-M12PURSH8S5M-L

10 m

Y92E-M12PURSH8S10M-L

25 m

Y92E-M12PURSH8S25M-L

Actuators (only for master coded types)

for F3S-TGR-SPSA and -SPSD

F39-TGR-SPS-A

for F3S-TGR-SMSA and -SMSD

F39-T...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3S-TGR-SMSA-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.