

INDUSTRIAL COMPONENT DATA

E2E-X2F1 2M 238372 E2EX2F12MOMS OMRON Short-3h Enr 2mm M12 PNP NA Cable 2m

Brand: OMRON | Manufacturer Part Number: E2E-X2F1 2M



Manufacturer	OMRON
MPN / Reference	E2E-X2F1 2M
Catalog number	E2EX2F12MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-602E11BE84
Generated	2026-08-01

Product Overview

Short-3h Enr 2mm M12 PNP NA Cable 2m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Proximity Sensors > E2E

Additional Product Information

FeaturesLimited speed monitoring unit

Safe limited speed monitoring unit for complete support of maintenance mode in machinery.

Preset of limited speed frequency by using integrated preset switches

Easy integration in G9SX systems by using the logical AND connection

Clear LED diagnosis of all in- and outputs

Applicable up to Category 3 acc. EN 954-1

Ordering information

Proximity sensors

Classification

Order code

Proximity sensor

Shielded

M8

E2E-X1R5F1

M12

E2E-X2F1

M18

E2E-X5F1

Unshielded

M8

E2E-X2MF1

M12

E2E-X5MF1

M18

E2E-X10MF1

Ratings of limited speed monitoring unit

Safety outputs¹

Auxiliary

outputs²

Logical AND

connection input

Rated

voltage

Sensor power supply terminals

Terminal block type

Order code

Instantaneous

4 (Semi-conductors)

4 (Semi-conductors)

1

24 VDC

2

Screw terminals

G9SX-LM224-F10-RT

Spring-cage terminals

G9SX-LM224-F10-RC

Specifications

Ratings of limited speed monitoring unit

Power input

Item

G9SX-LM224-F10-__

Rated supply voltage

24 VDC

Inputs

Item

G9SX-LM224-F10-__

Safety input

Operating voltage: 20.4 VDC to 26.4 VDC

Internal impedance: approx. 2.8 k Ω

Feedback/reset input

Mode selector input

Rotation detection input

Operating voltage 20.4 VDC to 26.4 VDC

Internal impedance: approx. 2.8 k Ω

Input frequency: 1 kHz max.

Outputs

Item

G9SX-LM224-F10-__

Safety solid state output

P channel MOS FET transistor output

Load current: 0.8 A DC max.

Safety speed detection output

P channel MOS FET transistor output

Load current: 0.3 A DC max.

External indicator output

P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X2F1 2M 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.