

INDUSTRIAL COMPONENT DATA

E3T-FL24 2M E3T 1230B E3TFL242M OMRON Thumbnail 3h BGS 30mm Flat NPP Osc.

Brand: OMRON | Manufacturer Part Number: E3T-FL24 2M



Manufacturer	OMRON
MPN / Reference	E3T-FL24 2M
Catalog number	E3TFL242M
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-93CE4CAE9F
Generated	2026-07-28

Product Overview

Thumbnail 3h BGS 30mm Flat NPP Osc.

Miniature 3h BGS 30mm Flat PNP Osc.

Photoelectric sensor, background suppression, 1-30mm, DC, 3-wire, PNP, dark-on, flat, 2m cable (requires bracket)

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors > E3T

Additional Product Information

Specifications

Shape Cuboid, M2 mounting

Sensing method Background suppression

Sensing distance 30 mm

Sensing distance (min.) 1 mm

Setting method Fixed

Connection method Cable

Cable length 2 m

Output type PNP

Operation mode Dark-ON

Response time 1 ms

Material housing PBT

Thread size Other

Type of light Polarity free red light
Power supply voltage 12-24 V
ETIM for 224250 Sensors (EC002719)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cuboid
Laser protection class (EF004027)
None
Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Other
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Dark switching
Type of interface for safety communication (EF003956)
Other
Triangulation (EF008296)
Background fade-out
Type of switch function (EF003963)
Other
Type of electric connection (EF003961)
Cable
Housing material (EF001596)
Plastic
Type of light (EF004029)
Polarity free red light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
PNP
Operation agent-safety class (EF003982)
Safety class 0
Explosion safety category for gas (EF003997)
None
With communication interface RS-485 (EF007314)
No
Analogue output -10 V ... +10 V (EF006809)
No
With communication interface SSD (EF007315)
No

With communication interface SSI (EF007316)

No

Analogue output 0 V ... 10 V (EF006807)

No

Analogue output 0 mA ... 20 mA (EF006808)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3T-FL24 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.