

INDUSTRIAL COMPONENT DATA

E3T-ST31F 2M E3T 1453D E3TST31F2M OMRON Photoelectric sensor, through-beam, miniature, side-view, IR LED, 2m..

Brand: OMRON | Manufacturer Part Number: E3T-ST31F 2M



Manufacturer	OMRON
MPN / Reference	E3T-ST31F 2M
Catalog number	E3TST31F2M
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-6E1DD02366
Generated	2026-08-01

Product Overview

Photoelectric sensor, through-beam, miniature, side-view, IR LED, 2m, NPN, L-on, 2m cable, M2 mounting

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

ETIM for 393244 Sensors (EC002716)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

Laser protection class (EF004027)

None

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Other
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Light switching
Type of interface for safety communication (EF003956)
Other
Type of switch function (EF003963)
Other
Type of electric connection (EF003961)
Cable
Housing material (EF001596)
Plastic
Type of light (EF004029)
Infrared light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
NPN
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)
No
With communication interface RS-232 (EF007312)
No
With communication interface DeviceNet (EF007308)
No
With monitoring function downstream switching devices (EF004052)
No
With reflector (EF007448)
No
With communication interface PROFIBUS (EF007311)

No

Suitable for safety functions (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3T-ST31F 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.