

INDUSTRIAL COMPONENT DATA

TL-W5F2 TLW 1007A TLW5F2 OMRON Plane cc 3h Enr 5mm
PNP NC

Brand: OMRON | Manufacturer Part Number: TL-W5F2



Manufacturer	OMRON
MPN / Reference	TL-W5F2
Catalog number	TLW5F2
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-A00CE59EEF
Generated	2026-08-02

Product Overview

Plane cc 3h Enr 5mm PNP NC

Proximity sensor, inductive, shielded, 5 mm, DC, 3-wire, PNP-NC, 2 m cable

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 > TL-T/W

Additional Product Information

Specifications

Size 25 x 10 x 52 mm

Mounting type Flush

Sensing distance 5 mm

Output type PNP

Operation mode NC

Connection method Cable

Material housing Aluminium

Cable specifications PVC

Cable length 2 m

ETIM for 103868 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Degree of protection (NEMA) (EF011959)

Other

Coating housing (EF001601)

Other

Mechanical mounting condition for sensor (EF004041)

Concise

Performance level according to EN ISO 13849-1 (EF007399)

None

Type of interface for safety communication (EF003956)

None

Type of actuation (EF006949)

Metallic Target

Type of switch function (EF003963)

Breaker contact

Type of electric connection (EF003961)

Cable

Type of interface (EF006977)

None

SIL according to IEC 61508 (EF009889)

None

Housing material (EF001596)

Metal

Type of switching output (EF003962)

PNP

Interference resistance to magnetic fields (EF008275)

Immune against magnetic DC-field

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

With monitoring function downstream switching devices (EF004052)

No

Compression-resistant (EF007106)

No

Suitable for safety functions (EF001597)

No

Number of protected contact energized outputs (EF003952)

0

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconductor outputs (EF003951)

0

Width sensor (EF007094)

31 mm

Height of sensor (EF007283)

10 mm

S...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / TL-W5F2 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.