

INDUSTRIAL COMPONENT DATA

CP1W-TS004 CP1W0190B CP1WTS004 OMRON Module

Expansion-12 Inputs Thermocouple

Brand: OMRON | Manufacturer Part Number: CP1W-TS004



Manufacturer	OMRON
MPN / Reference	CP1W-TS004
Catalog number	CP1WTS004
Category	PLC analogue I/O-module
Minimum order	1 Pcs
Document ID	EO-1126D0CF1D
Generated	2026-08-02

Product Overview

Module Expansion-12 Inputs Thermocouple
I/O expansion unit, 12 x thermocouple inputs type J, K

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON > Control Systems > CP1
--------------	-------------------------------

Additional Product Information

Type of module Analog I/O
Number of analog inputs 12
Linear analog input type None
Temperature input type J, K
Resolution of the analog inputs 14 Bit
Linear analog output type None
Number of analog outputs 0
Resolution of the analog outputs 0 Bit
Product Height (unpacked) 90 mm
Product Width (unpacked) 150 mm
Product Depth (unpacked) 50 mm
Product Weight (unpacked) 380 g
ETIM for 401523 PLC's (EC001420)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Performance level according to EN ISO 13849-1 (EF007399)
Level a
Type of electric connection (EF003961)
Screw connection
SIL according to IEC 61508 (EF009889)

None

Explosion safety category for gas (EF003997)

None

Output, current (EF003212)

No

Input, resistor (EF003206)

No

Input, voltage (EF003205)

No

Input, thermocouple (EF003208)

Yes

Analogue inputs configurable (EF008518)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Input, current (EF003204)

No

Analogue outputs configurable (EF008519)

No

Appendant operation agent (Ex ia) (EF004141)

No

Input, resistance thermometer (EF003207)

No

Suitable for safety functions (EF001597)

No

Input signal, configurable (EF003209)

Yes

Output signal configurable (EF003214)

No

Output, voltage (EF003213)

No

Number of analogue inputs (EF001994)

12

Number of analogue outputs (EF001995)

0

Width (EF000008)

150 mm

Resolution of the analogue inputs (EF003575)

14 Bit

Height (EF000040)

90 mm

Depth (EF000049)

50 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-TS004 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.