

## INDUSTRIAL COMPONENT DATA

# CJ1W-MAD42 CJ1W9023M 171895 OMRON Mixed Analog Module 4 Inputs / 2 Outputs

Brand: OMRON | Manufacturer Part Number: CJ1W-MAD42



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | OMRON                   |
| MPN / Reference | CJ1W-MAD42              |
| Catalog number  | CJ1WMAD42OT             |
| Category        | PLC analogue I/O-module |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-C9A6D5E77D           |
| Generated       | 2026-08-02              |

## Product Overview

Analog module mixed 4 Inputs / 2 Outputs

Analog I/O unit, 4 x inputs -10 to 10 V, 0 to 5 V, 0 to 10 V, 1 to 5 V, 4 to 20 mA, 2 x outputs -10 to 10 V, 0 to 5 V, 0 to 10 V, 1 to 5 V, 4 to 20 mA

Analog I/O unit, 4 x inputs -10 to 10 V, 0 to 5 V, 0 to 10 V, 1 to 5 V, 4 to 20 mA, 2 x outputs -10 to 10 V, 0 to 5 V, 0 to 10 V, 1 to 5 V, 4 to 20 mA, resolution 1:4000 scalable to  $\pm 32000$  or 1:8000, screw terminal

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON &gt; Control Systems &gt; CJ1

## Additional Product Information

Specifications

I/O system CJ I/O Bus

Expansion unit type Special I/O Unit

Type of module Analog I/O

Number of analog inputs 4

Temperature input type None

Linear analog input type -10 to 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, 4 to 20 mA

Resolution of the analog inputs 13 Bit

Number of analog outputs 2

Linear analog output type -10 to 10 V, 0 to 10 V, 0 to 5 V, 1 to 5 V, 4 to 20 mA

Resolution of the analog outputs 13 Bit

I/O connection type Screw  
Number of I/O connectors 1  
Detachable I/O connector  
Suitable for safety functions  
Height 90 mm  
Width 31 mm  
Depth 89 mm  
Weight 150 g  
ETIM for 171895 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)  
Yes  
Input, resistor (EF003206)  
No  
Input, voltage (EF003205)  
Yes  
Input, thermocouple (EF003208)  
No  
Analogue inputs configurable (EF008518)  
Yes  
Appendant operation agent (Ex ib) (EF004142)  
No  
Input, current (EF003204)  
Yes  
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)  
Yes

Output, voltage (EF003213)

Yes

Number of analogue inputs (EF001994)

4

Resolution of....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CJ1W-MAD42 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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