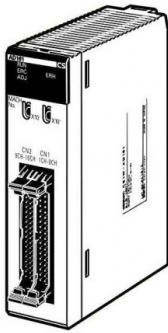


**INDUSTRIAL COMPONENT DATA**

# CS1W-AD161 CS1W0324F CS1WAD161 OMRON Module 16 analog Inputs

Brand: OMRON | Manufacturer Part Number: CS1W-AD161



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | OMRON                   |
| MPN / Reference | CS1W-AD161              |
| Catalog number  | CS1WAD161               |
| Category        | PLC analogue I/O-module |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-DE75A8552A           |
| Generated       | 2026-08-06              |

## Product Overview

Module 16 analog Inputs

Analog input unit, 16 x inputs 1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA, resolution 1:4000 / 8000

**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 > CS1

## Additional Product Information

Specifications & ordering info

Ordering information

Points

Type

Ranges

Resolution

Accuracy1

Conversion

time

Remarks

Connection type

Order code

4

Analog input

0 to 5 V,  
0 to 10 V,  
-10 to 10 V,  
1 to 5 V,  
4 to 20 mA  
1/8,000  
V: 0.2% of PV  
I: 0.4% of PV  
250  $\mu$ s/point  
Offset/gain adjustment, peak hold,  
moving average, alarms

M3

CS1W-AD041-V1

8

Analog input

M3

CS1W-AD081-V1

16

Analog input

0.2% of PV

2  $\times$  MIL (34p.)

CS1W-AD161

4

Analog output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V,

4 to 20 mA

1/4,000

V: 0.3% of PV

I: 0.5% of PV

1 ms/point

Offset/gain adjustment

M3

CS1W-DA041

8

Voltage output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V

0.3% of PV

Offset/gain adjustment, output hold

M3

CS1W-DA08V

8

Current output

4 to 20 mA

0.5% of PV

M3

CS1W-DA08C

4 + 4

Analog in + output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V

(4 to 20 mA input)

1/8,000

V in: 0.2% of PV

I in: 0.4% of PV

out: 0.3% of PV

1 ms/point

Offset/gain adjustment, scaling, peak hold, moving average, alarms, output hold

M3

CS1W-MAD44

4

Process input

4 to 20 mA,

0 to 20 mA,

0 to 10 V,

-10 to 10 V,

0 to 5 V,

-5 to 5 V,

1 to 5 V,

1 to 1.25 V,

-1.25 to 1.25 V

1/64,000

0.05% of PV

5 ms/point

Configurable alarms, maintenance

functions, user-defined scaling, zero/span adjustment, square root, totaliser.

M3

CS1W-PDC11

8

Process input

-10 to 10 V,

0 to 5 V,

1 to 5 V,

4 to 20 mA

1/16,000

0.3% of PV

62.5 ms/point

Configurable alarms, zero/span adjustment, square root

M3

CS1W-PDC55

4

Thermocouple input

B, E, J, K, L, N, R, S, T,

U, WR...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CS1W-AD161 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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