

DL205 Series

Analog Module

Output Module 《2 Channels》

F2-02DAS-1



A cover is available.

The photo shows the F2-02AD-1.
(The shape is the same.)

Output Specifications

Items	Specifications
Number of Channels	2 (Isolation specifications)
Output Range	4 to 20 mA
Resolution	16-bit
Output Type	Current source
Isolation Voltage	±750 V continuous, channel-to-channel, between channel and logic
Loop Power Supply	18 to 32 V DC
External Power Supply	18 to 32 V DC, 50 mA/channel
Output Loop Supporting	Vin to 2.5 V
Load impedance	0 to 1375 Ω (32 V)
Maximum Load/Power Supply	375 Ω/12 V, 975 Ω/24 V, 1375 Ω/32 V
Analog Data Update	Maximum 1 channel per scan (When the D2-230 is used) maximum 2 channels per scan (When the D2-240, D2-250-1, D2-260 and D2-265 are used)
Linearity Error (End-to-end)	Maximum ±10 count (0.015% of full scale)
Conversion Settling Time	3 ms ~ 0.1% of full scale

Items	Specifications
Gain Error	±32 count (±0.05%)
Offset Error	±13 count (±0.02%)
Accuracy Against Temperature	50 ppm/°C
Maximum Error	±0.07%: 25°C ±0.18%: 0 to 60°C
Number of Occupied Outputs	Output 32 points (Q) (Binary data bit x 16, channel ID bid x 2)
Weight	109 g

"1 count" in the specifications table is equivalent to 1 least significant bit of the analog data value.

Wiring Diagram

