

Overview

Product information



DF58-M-4AI-UI-6-30050002529

Analog input module, 4-channel, voltage type, current type

Product advantages

- The analog input module can receive voltage and current standard signals.
- 4-channel analog input, voltage type, current type.
- Two LED indicators indicate that the module is operating normally and communication is normal.
- Magnetic isolation between the on-site layer and the system layer.
- Transmit in 16 bit resolution.
- Protection level IP20

Product certification

Technical data

Product drawing

3D model

Technical Information

| | |
|---|---|
| Voltage measurement range | $\pm 10V, 0-10V, 2-10V, \pm 5V, 0-5V, 1-5V$ |
| Sampling frequency | 20-300Hz (configurable) |
| System feed current | <120mA |
| Reverse circuit protection | Yes |
| Error diagnosis | Yes |
| Working voltage | 24V DC+20%/-15% |
| Internal resistance | >450K Ω |
| Voltage input accuracy (full temperature range) | 0.2% (full range) |

| | |
|---|---|
| Current input accuracy (full temperature range) | 0.2% (full range) |
| Line type | 2/3/4 wire system |
| Number of channels | 4 |
| Data size | 8 Byte |
| Resolving power | Differential |
| Conversion time | 400us/channel |
| Isolation method | Magnetic isolation from the on-site layer |

Environmental requirements

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|---------------------|----------------------------|
| Protection type | IP20 |
| working temperature | -25... 60 °C |
| Storage temperature | -40... 85 °C |
| relative humidity | 5... 95% RH (condensation) |

Wiring parameters

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|---------------------------------------|------------------------------|
| The maximum crimping area of the wire | 1.5mm ² |
| | 0.14mm ² |
| Maximum crimping area of wire (AWG) | AWG16 |
| Connection technology: input/output | PUSH-IN type terminal blocks |
| Strip length | 8-10mm |
| Installation method | DIN-35 type guide rail |

Accessories

Business data

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|--------------|-------------|
| Order number | 30050002529 |
| Packing unit | 1 |

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|-------------------------------------|-----|
| Minimum order quantity | 1 |
| Products weight (without packaging) | 60g |