Overview

Product information



DF50-M-4AI-UI-6-30050002553

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	± 10V, 0-10V, 2-10V, ± 5V, 0-5V, 1-5V
Current measurement range	0-20mA, 4-20mA
System feed current	<120mA
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
Voltage input accuracy (full temperature range)	± 0.2% (full range)
Current input accuracy (full temperature range)	± 0.2% (full range)

Diagnostic reporting function configuration	Support
Sampling time	4-channel 250us
Line type	2/3/4 wire system
Number of channels	4
Data size	8 Byte
Resolving power	16bit
Conversion time	60us/channel
Isolation method	Magnetic isolation from the on-site layer

Environmental requirements

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

Wiring parameters

The maximum crimping area of the wire	1.5mm²
	0.14mm²
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

Order number	30050002553

Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	60g