Overview

Product information



DF50-M-8AI-I-5-30050002657

Analog output module, 8-channel, current mode

Product advantages

☑ The analog input module can receive standard signals of 0-20mA and 4-20mA.
☑ 8-channel analog input, current type.
☑ Two LED indicators indicate that the module is operating normally and communication is normal.
☑ Each input channel comes with an LED indicator light.
☑ 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

Current measurement range	0-20mA, 4-20mA
System feed current	<120mA
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
Current input accuracy (full temperature range)	± 0.2% (full range)
Diagnostic reporting function configuration	Support
Line type	2/3/4 wire system

Number of channels	8
Data size	16 Byte
Resolving power	16bit
Signal type	Single ended
Conversion time	60us/channel
Isolation method	Magnetic isolation from the on-site layer
Filtering time	Configurable

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	30050002657
Packing unit	1

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