Overview

Product information



DF50-M-16DI-P/N-TS-30050002671

Digital quantity transmission module, 16 inputs, including counting function, PNP/NPN, 24VDC.

Product advantages

☑ The digital input module can receive control signals from field devices (such as sensors, etc.).
☑ 16 channels digital input, 8 channels count input.
☑ Each input module has an anti-interference filter.
☑ Each input module has an LED indicator.
☑ The field layer and the system layer are isolated by photoelectric couplers.
☑ Protection level IP20.

Product certification

Technical data

Product drawing

3D model

Technical Information

OFF signal voltage	＜ 5V DC
Hardware response time	200us/200us
System feed current	<30ma
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
ON signal voltage	＞ 11V DC
Line type	1-wire system

Number of channels	16
Data size	2 Byte
Signal type	NPN&PNP
Isolation method	Isolation from on-site optoelectronics
Filtering time	0.2-40ms 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	30050002671
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	60g