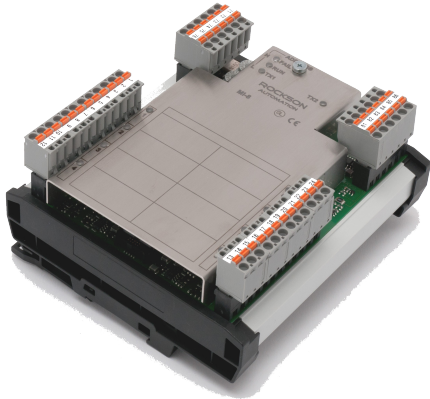


M003 MI-8

8 Channel Mixed Input Module



Features

Super flexible solution
8 three-wire inputs for most signal types:
4 – 20 mA
RTD (Pt100)
Thermocouple
Potentiometer
0 – 10 V
NPN and PNP initiators
Contact with break and short monitoring
Detachable terminal blocks per channel
Complete: No distribution strips required
Built-in isolated sensor supply
Built-in earth fault monitor
Redundant power supply inputs
Redundant isolated field buses
Easy replacing: Just set address and go!

Specifications

Physical

Size W x H x D	128 x 140 x 65 mm
Mounting	35 mm DIN rail
Front / Rear panel seal	IP20
Weight	365 g

Power supply

Supply voltage range	18 – 32 V DC
Power consumption	10 W

signal inputs

Sensor supply voltage	24 V
Sensor supply current	35 mA per Channel
RTD measuring current	1.5 mA
4 – 20 mA input load	100 Ohms

field buses

Electrical	RS485
Protocol	Modbus RTU

Agency Approvals

EMI	IEC 60945 Chapters 9.2, 9.3
EMS	EN61000-4-2 (ESD), level 3
	EN61000-4-3 (RS), level 3
	EN61000-4-4 (EFT), level 3
	EN61000-4-5 (Surge), level 2
	EN61000-4-6 (CS), level 2
Vibration	IEC60068-2-6
Dry Heat	IEC60068-2-2
Humidity	IEC60068-2-30
Low Temperature	IEC60068-2-1
Maritime Specifications	DNV GL, LR, IACS, BV