

MX-Module Multi I/O

Item no. 538.301



Description

Extends the blueLog XM/XC with additional digital and analog ports.

Technical data

Power supply	System internal
Power consumption	Typically 3 W (depends on configuration)
Operating temperature	-20 °C ... 55 °C
Storage and transport temperature	-20 °C ... 70 °C
Protection class	IP 20
Installation	Wall mounting, top-hat rail installation in electrical distribution board, in control cabinets
Dimensions (W x H x D)	36 x 110 x 63 mm (including side parts)
Weight	100 g

Display/operation

LED	2
-----	---

Interfaces

Multi inputs

- 4 x digital/analog inputs (mode configurable via software for each port)
- The following options are available for each multi input:

Type	Usage	Range	Precision	Resolution
Digital	Wet contact	5 V DC / 5 mA	–	–
Meter	S0	S0 compliant / max. 16 Hz	–	–
Analog	Voltage input	0 ... 10 V DC	2 mV DC	40 µV DC
Analog	Current input	0 ... 20 mA	80 µA	2 µA

Type	Usage	Range	Precision	Resolution
Analog	Resistor (PT1000)	600 ... 1,800 Ω	2 Ω	0,5 Ω

Digital outputs

- 4 x digital outputs (mode configurable via software for each port)
- The following options are available for each digital output:

Type	Usage – Open collector	Range
Digital	Active high GND (0: 1 M Ω / 1: GND) (Firmware < 16.0.5 Active low)	max. 24 V DC / max. 50 mA
Digital	Active low GND (0: GND / 1: 1 M Ω)	max. 24 V DC / max. 50 mA
Digital	Active high 24 V (0: 1 M Ω / 1: 24 V DC) (Firmware < 16.0.5 Active high)	24 V DC / max. 50 mA
Digital	Active low 24 V (0: 24 V DC / 1: 1 M Ω)	24 V DC / max. 50 mA