



200-560-000-114

VM600 IOC4T Input/Output Card

Product scope

- Provides the rear field interface for exactly one MPC4 protection card.
- Offers four 0–10 V DAC outputs and four jumper-selectable 4–20 mA outputs.
- Passes 32 digital alarm signals to optional rack relay cards.

Manufacturer source

Vibro-Meter VM600 IOC4T input/output card data sheet, document DS 268-071.

This web-optimized copy contains only verified information relevant to the stated ordering code.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	200-560-000-114	

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200-560-000-114 verified configuration

VM600 IOC4T Input/Output Card

Exact product identity

Vibro-Meter 200-560-000-114 is the VM600 IOC4T rear input/output card that terminates sensors, analog outputs and alarm relays for one MPC4 protection card.

Product classification

Manufacturer: Vibro-Meter

Product family: VM600 Machinery Protection System

Product type: MPC4 Input/Output Interface Card

Installation attention

200-560-000-114 must remain directly behind its assigned MPC4; record all output-current jumpers and relay destinations before removing the rear card.

200-560-000-114 technical specifications

Verified product data · section 1 of 2

Parameter	Verified value
Ordering number	200-560-000-114
Module type	VM600 IOC4T input/output card
Companion card	One MPC4 machinery protection card
Rack location	Rear of VM600 rack
Backplane connection	Two connectors
Card communication	Industry Pack interface through P2
Local relays	4 software-assignable relays
Backplane alarm signals	32 digital signals
Dynamic inputs	4 raw vibration signal paths
Speed inputs	2 speed/phase-reference paths
Voltage outputs	4 calibrated DAC outputs, 0 to 10 V
Current outputs	4 jumper-selectable 4 to 20 mA outputs

200-560-000-114 technical specifications

Verified product data · section 2 of 2

Parameter	Verified value
Field connections	Screw-terminal strips
Input protection	EMI and signal-surge protection
Compliance design	EMC-compatible interfaces
Rack compatibility	ABE04x and ABE056
Operating mode	Slave to MPC4
Relay assignment	Fault or common alarm logic
External interface	Signals to and from plant control systems
System role	MPC4 signal interface

200-560-000-114 application and integration guide

VM600 Machinery Protection System

Applications

- Terminates proximity, accelerometer and tachometer wiring for a paired VM600 machinery-protection processor.
- Exports calibrated analog measurements to a DCS, recorder or other plant control equipment.
- Routes selected fault and common-alarm conditions through local relays and the rack backplane.

Model-specific integration points

Analog Outputs

- Four digital-to-analog converters produce calibrated 0–10 V signals from processed dynamic channels.
- Four onboard converters can deliver 4–20 mA outputs when the associated jumpers are selected.
- Voltage and current outputs appear on the rear screw terminals for connection to external systems.

Relay Logic

- Four local relays can be assigned to selected fault, Sensor OK, Alert or Danger states in software.
- Thirty-two additional digital alarm signals can be sent across the backplane to RLC16 or IRC4 cards.
- Relay meaning depends on the active MPC4 configuration and must be verified before rewiring.

Installation & Integration

- The rear card connects to the VM600 backplane with two connectors directly behind its MPC4.
- Inputs and outputs include EMI and surge protection intended to preserve EMC performance.
- Field conductors should be identified before the removable terminal strips are transferred.

200-560-000-114 manufacturer source record

Vibro-Meter VM600 IOC4T input/output card data sheet, document DS 268-071.

Source used for verification

Vibro-Meter VM600 IOC4T input/output card data sheet, document DS 268-071.

Manufacturer document location

https://catalogue.meggittsensing.com/wp-content/uploads/2020/09/DS_VM600_IOC4T-en.pdf

Editorial scope

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