

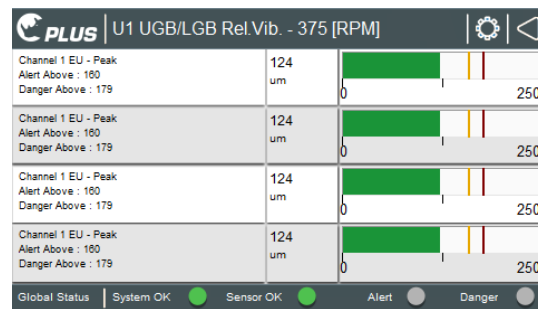
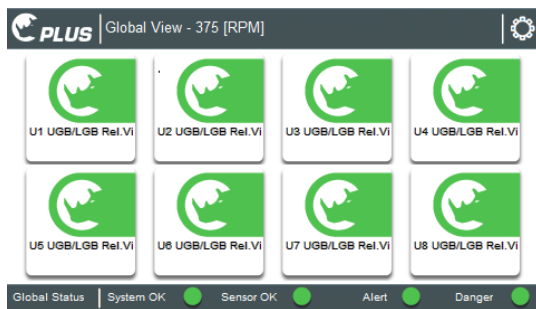
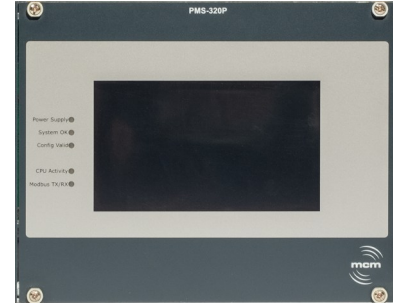


Display Module for PMS-300 PLUS

PMS-300 PLUS — PMS-320P

KEY FEATURES

- Display module for PMS-300 PLUS
- Status indications : System OK, Sensor OK, Alert and Danger
- Bar graph for value and alarm threshold display
- Automatically discover the cards present in PMS-300 PLUS rack-system
- Auto-configuration of the display depending on the cards
- Up to eight PMS-314P can be connected simultaneously to the PMS-320P
- Possibility to inhibit the channels from the PMS-314P card
- Display machine rotation speed



DESCRIPTION

The PMS-320 display module is a specialized component designed for integration within the PMS-300P system architecture. The PMS-320P display module is intended to provide an overview of the overall status of all PMS-314P cards present in the system. It displays information related to system health, sensor status, alarms, and danger conditions.

Notably, the PMS-320P possesses an auto-configuration feature. This capability empowers the module to autonomously recognize and adapt to the diverse range of cards connected via the interconnection bus. As a result, the display module seamlessly aligns itself with the specific configurations and characteristics of each module, simplifying initial setup and ensuring real-time synchronization. The PMS-320P continuously scans all cards accessible on the interconnection bus. This dynamic scanning process enables the PMS-320P to instantaneously retrieve and present data in accordance with the distinct configuration of each cards. Consequently, operators benefit from a dynamically updated display that provides a real-time portrayal of the entire system's state.

GLOBAL SPECIFICATION

DISPLAY FUNCTIONS

Compatibility	PMS-314P via Sub-D cable to PMS-300P backplane Automatic configuration Up to 8x PMS-314P
Global view	
Global status overview	System OK Sensors OK Alert and danger status
Modules status overview	Modules availability System OK Sensor OK Alert and danger status
Module view	
Channel 1..4 data visualization	Channel description Alert and danger status Sensor values
Channel 1..4 bargraphs	Colour : Green : No alarm Yellow : Alert Red : Danger Alarm & danger thresholds Scale
Functionality	Reset Alarm Channel Inhibit

SCREEN CHARACTERISTICS

Type	Touchscreen 4.1" (420x272 pixels) 24-bits true colour Interface : finger / stylus pen
Screen saver	Automatic screen turns off after 5 minutes
Local LED's indications	1x Power supply check 1x System ok 1x Configuration check 1x CPU activity 1x Modbus activity

POWER SUPPLY

Supply voltage (via PMS-300)	+24VDC (18V to 36VDC) / 5W
Protection	2A fused Overvoltage protection Inverse polarity protection

ENVIRONMENTAL

Temperature range	
Operation	0° to 55°C
Storage	-20°C to 70°C

PHYSICAL CHARACTERISTICS

Mounting	Mounted on PMS-300P rack system - (P/N 20.321.400) Mounted externally with 3U plate for cabinet (P/N 20.321.401)
Dimensions (LxHxD)	162 x 129 x 27 mm

GLOBAL SPECIFICATION

APPROVALS (when used with PMS-300P rack system)

Conformity	European Union (EU) declaration of conformity (CE marking)
	United Kingdom (UK) declaration of conformity (UKCA marking)

EMC	EN 61326-1
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Environment management	RoHS compliant (2011/65/EU)
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Environmental testing	
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Environment pollution	Degree 2, according IEC61010-1
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ORDERING INFORMATION

Part type	PMS-320P Display Module for 19" Rack
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Ordering code	20.321.400
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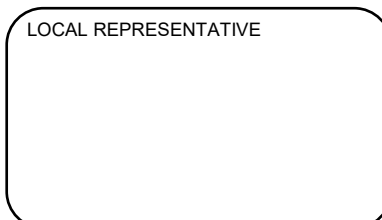
Part type	PMS-320P Display Module mounted on 3U 19" plate for cabinet
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Ordering code	20.321.401
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MC-monitoring Quality certifications



LOCAL REPRESENTATIVE



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