PMX400/HZX/24VDC/RO/AOAU

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Do not use product for new developments



Displays are used in industrial and process automation for the visual display of
data or for the analogue presentation of electrical and non-electrical measurement values.
They are an important tool for user prompting, diagnostics and logging
when operating machines and systems. Displays support dialogue-based operation, display measured values and fault reports, and are used to monitor
processes.
Features, such as the internal calculation of process variables, digital and analogue outputs
or interference suppression functions upgrade simple displays to high-quality
process interfaces which can independently control sub-processes .

General ordering data

Version	
Order No.	7940011979
Type	PMX400/HZX/24VDC/RO/AOAU
GTIN (EAN)	4032248565719
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.

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Technical data

Dimensions and weights

Depth	96 mm	Depth (inches)	3.78 inch
Height	48 mm	Height (inches)	1.89 inch
Width	137 mm	Width (inches)	5.394 inch
Length	137 mm	Length (inches)	5.394 inch
Net weight	438 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	0 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

Display

Decimal point	99.99	Display range	-9999...9999, -999...9999
Display value	Percentage or real value display	Scaling	Variable
Type	4-digit, red LED, 14.2 mm Voltage input/ current input		

General data

Accuracy	0.1% of FSR	Configuration	DIP switch
Cut-off frequency (-3 dB)	5 Hz	DIN Rail compatibility	Yes
Linearity	<0.05 %, <0.1 % typ.	Long-term drift	0.1 % / 10.000 h
Power consumption	6 W @ 24 V DC	Protection degree	IP20, IP65
Step response time	300 ms (10...90 %)	Temperature coefficient	<0.02 % / °C
Type of connection	Screw connection	Type of mounting	Control panel assembly, Front mounting
Voltage supply	24 V DC ± 10 %		

Input

Attenuation factor	0...99, programmable digital filter	Input signal	0...10 kHz
Input voltage	50 mV to 250 V AC / 3 to 250 V DC	Min. step response time	300 ms (10...90 %)
Number of inputs	1	Response time	<50 ms
Sensor supply	12 V DC to 25 mA	Type	Adjustable frequencies

Output

Last resistor, max.	≤ 850 Ω (current); ≥ 1MΩ (voltage)	Number of channels	1
Output signal	0...20 mA or 0...11 V		

Output (digital)

Contact material	AgNi	Rated switching current	200 mA
Rated switching voltage	50 V DC	Status indicator	LED

Output (analogue)

Number of analogue outputs	1

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Insulation coordination

EMC standards	DIN EN 61326, EN 61326	Impulse withstand voltage	4 kV (1.2/50 µs)
Insulation voltage	1 kV input / output / power supply	Pollution severity	2
Standard	EN 50178		

Connection data

Wire connection method	Screw connection	Type of connection	Screw connection
Clamping range, rated connection	1.5 mm²	Clamping range, min.	0.5 mm²
Clamping range, max.	2.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	2 mm²		

Classifications

ETIM 6.0	EC000677	ETIM 7.0	EC000677
ETIM 8.0	EC000677	ETIM 9.0	EC000677
ECLASS 9.0	27-14-31-10	ECLASS 9.1	27-21-03-01
ECLASS 10.0	27-14-31-10	ECLASS 11.0	27-14-31-10
ECLASS 12.0	27-14-31-10	ECLASS 13.0	27-14-31-10

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256486

Downloads

User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

Electric symbol

