

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



Devices in this series display universal analogue process values.

Depending on the version, the devices convert/isolate the signals into an analogue current signal and have additional limit value relays which switch further signals.

Features:

- Several sensor variants can be processed.
- An auxiliary power supply is required.
- Even in unfavourable lighting conditions, the display value is clearly visible.

General ordering data

Version	Signal converter/insulator, 0...10 kHz, RO/AO version with 1 analogue output and alarm outputs
Order No.	7940011979
Type	PMX400/HZX/24VDC/RO/AOAU
GTIN (EAN)	4032248565719
Qty.	1 Stück
Delivery status	This article will no longer be available in the future.

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Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Height	48.8 mm	Height (inches)	1.921 inch
Width	96.6 mm	Width (inches)	3.803 inch
Length	137 mm	Length (inches)	5.394 inch
Net weight	440 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	0 °C...60 °C
Operating temperature, min.	0 °C	Operating temperature, max.	60 °C
Humidity	0...90 % (no condensation)		

Display

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

General data

Cut-off frequency (-3 dB)	5 Hz	Linearity	< 0.05 %
Long-term drift	0.1 % / 10.000 h	Power consumption	6 W @ 24 V DC
Type of connection	Screw connection	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	Sensor supply	12 V DC to 25 mA
Type	Adjustable frequencies		

Output

Last resistor, max.	≤ 850 Ω (current); ≥ 1MΩ (voltage)	Output signal	0...20 mA or 0...11 V
Transmit function	direct or inverted	Type	RO/AO version with 1 analogue output and alarm outputs

Output (digital)

Rated switching current	200 mA	Rated switching voltage	50 V DC
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Output (analogue)

Transmit function	direct or inverted		
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Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 μs)
Insulation voltage	1 kV input / output / power supply		

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Connection data

Type of connection	Screw connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

Classifications

ETIM 6.0	EC000677	ETIM 7.0	EC000677
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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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Zeichnungen

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Electric symbol

