

PMX400/HZX/24VDC/RO/AOAU

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

www.weidmueller.com

Product is no longer available, Data sheet for information only



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

Order No.	7940011979
Type	PMX400/HZX/24VDC/RO/AOAU
GTIN (EAN)	4032248565719
Qty.	1 items
Delivery status	Discontinued
Last order date	2024-03-28T00:00:00+01:00
Alternative product	ACT20D-LED-FI-AO-2RC-AC-DC

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E256486

Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	20 mm	Width (inches)	0.7874 inch
Length	137 mm	Length (inches)	5.3937 inch
Net weight	438 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

Display

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

General data

Type of connection	Screw connection	Accuracy	0.1% of FSR
Type of mounting	Control panel assembly, Front mounting, Rail	Protection degree	IP20, IP65
DIN Rail compatibility	Yes, TS 35	Supply voltage	24 V DC \pm 10 %
Long-term drift	0.1 % / 10.000 h	Linearity	<0.05 %, <0.1 % typ.
Step response time	300 ms (10...90 %)	Power consumption	6 W @ 24 V DC
Temperature coefficient	<0.02 % / °C	Configuration	DIP switch
Cut-off frequency (-3 dB)	5 Hz		

Input

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

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Output

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

Output (digital)

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

Number analogue outputs	1		
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Insulation coordination

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

Connection data

Wire connection method	Screw connection	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	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2 mm ²		

Classifications

ETIM 8.0	EC000677	ETIM 9.0	EC000677
ETIM 10.0	EC000677	ECLASS 14.0	27-14-31-10
ECLASS 15.0	27-14-31-10		

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Drawings

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Electric symbol

