

PMX400HZX RO/AO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



3 1/2-character digital displays with an auxiliary power supply in the 1/8 DIN IP 65 housing for installation in the control panel.

The DI350 is an inexpensive digital display for analogue current and voltage

signals in industrial applications. With this display, analogue signals can be displayed universally from 4 to 20 mA

or from 0 to 10 V.

An integrated regulated power supply can supply two-wire measuring transducers connected on the input side.

General ordering data

Version	Signal converter/insulator, 0...10 kHz, RO/AO version with 1 analogue output and alarm outputs
Order No.	7940011979
Type	PMX400HZX RO/AO
GTIN (EAN)	4032248565719
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	48.8 mm	Height (inches)	1.921 inch
Length	137 mm	Length (inches)	5.394 inch
Net weight	441 g	Weight	441 g
Width	96.6 mm	Width (inches)	3.803 inch

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Alarm

Number of channels, alarm	4	Rated switching current	200 mA
Rated switching voltage	50 V DC	Switching current	Channel 3/4: 3 A @ 240 V AC / 24 V DC (resistive load)
Type	Channel 1/2: transistor output channel 3/4: relay contact (CO)		

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	Data backup	≥ 100 years (without power supply)
Humidity	0...90 % (no condensation)	Linearity	< 0.05 %
Long-term drift	0.1 % / 10.000 h	Power consumption	6 W @ 24 V DC
Switching current	Channel 3/4: 3 A @ 240 V AC / 24 V DC (resistive load)	Transmit function	direct or inverted
Type of connection	Screw connection	Voltage supply	24 V DC ± 10 %
Weight	441 g		

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		

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Output

Last resistor, max.	$\leq 850 \Omega$ (current); $\geq 1 M\Omega$ (voltage)	Output signal	0...20 mA or 0...11 V
Scaling	Variable	Transmit function	direct or inverted
Type	RO/AO version with 1 analogue output and alarm outputs		

Insulation coordination

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

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
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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E205105

Downloads

User Documentation [Manual](#)

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www.weidmueller.com**Drawings****Electric symbol**