

PMX420**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	Display, -22...+22 mA / -11...+11 V
Order No.	7940018956
Type	PMX420
GTIN (EAN)	4032248594214
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	353 g	Weight	353 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

Switching current	5 A @ 240 V AC, 10 A @ 24 V DC	Type	not available
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Display

Display range	-9999...9999	Display value	Percentage or real value display
Type	4-digit, red LED, 14.2 mm		

General data

Ambient temperature	0 °C...+60 °C	Cut-off frequency (-3 dB)	5 Hz
Data backup	> 10 years without power supply	Humidity	0...90 % (no condensation)
Input/Output	Voltage/current input	Linearity	< 0.05 %
Long-term drift	0.1 % / 10.000 h	Power consumption	8.5 W @ 24 V DC
Switching current	5 A @ 240 V AC, 10 A @ 24 V DC	Type of connection	Screw connection
Voltage supply	18...50 V DC, 18...35 V AC	Weight	353 g

Input

Attenuation factor	0...99, programmable digital filter	Input current	-22...+22 mA (preset to 4...20 mA)
Input resistance	25 Ω (current input) or 1.5 MΩ (voltage input)	Input signal	-22...+22 mA / -11...+11 V
Input voltage	-11...+11 V	Resolution	4 µA / 2 mV
Sensor current	4...20 mA	Type	Adjustable input for current or voltage

Output current mode

Residual ripple (current mode output)	< 1 µA
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Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 µs)
Insulation voltage	2 kV input / power supply		

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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	E256486

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
User Documentation	Manual

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Drawings

Electric symbol

