

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 (preset to 4...20 mA), -22...+22 mA / -11...+11 V
Order No.	7940010525
Type	PMX420
GTIN (EAN)	4032248565788
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	379 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
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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	90...275 V AC, 90...300 V DC	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
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		

Creation date March 29, 2021 10:31:57 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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