

PMX420PLUS**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.	7940011323
Type	PMX420PLUS
GTIN (EAN)	4032248565795
Qty.	1 Stück

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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
Weight	500 g	Net weight	471 g

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

Leakage current quenching	internal	Number of channels, alarm	4
Ratings	3 A @ 240 V AC / 24 V DC	Switching current	5 A @ 240 V AC, 10 A @ 24 V DC
Type	Internal Alarm via LED or output signal to external controller	Type of contact	2 CO contact und 2 NO contacts

Analogue output

Residual ripple (analogue output)	< 20 mV _{ss}
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Display

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

General data

Alarm function	configurable, High or low alarm	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
Transmit function	direct or inverted	Type of connection	Screw connection
Voltage supply	90...275 V AC, 90...300 V DC	Weight	500 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

Erstellungs-Datum August 18, 2021 8:20:18 AM CEST

Katalogstand 13.08.2021 / Technische Änderungen vorbehalten

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Output

Last resistor, max.	850 Ω @ 20 mA (current output) / < 500 Ω (voltage output)	Residual ripple (analogue output)	< 20 mV _{ss}
Scaling	Variable	Transmit function	direct or inverted
Type	Adjustable output for current or voltage		

Output current mode

Output current (current mode output)	0 (4)...20 mA
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Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 μ s)
Insulation voltage	2 kV input / 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
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		

Approvals

Approvals



ROHS

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Catalogues	Catalogues in PDF-format
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