

PMX420PLUS DC CE**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

Version	Input, Current/Voltage, Analogue output, Relay output
Order No.	7940018957
Type	PMX420PLUS DC CE
GTIN (EAN)	4032248594221
Qty.	1 items
Delivery status	Discontinued
Available until	2024-03-28T00:00:00+01:00
Alternative product	ACT20D-LED-UI-AO-4RC-AC-DC

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E256486

Dimensions and weights

Height	48.8 mm	Height (inches)	1.9213 inch
Width	96.6 mm	Width (inches)	3.8031 inch
Length	137 mm	Length (inches)	5.3937 inch
Net weight	442.06 g		

Temperatures

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

Environmental Product Compliance

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

Display

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

General data

Type of connection	Screw connection	Input/Output	Voltage/current input
Type of mounting	Control panel assembly	Supply voltage	18...50 V DC, 18...35 V AC
Long-term drift	0.1 % / 10.000 h	Linearity	<0.05 %
Power consumption	8.5 W @ 24 V DC	Cut-off frequency (-3 dB)	5 Hz

Input

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

Output

Last resistor, max.	850 Ω @ 20 mA (current output) / < 500 Ω (voltage output)	Residual ripple (analogue output)	≤ 20 mVss
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Output current mode

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

Impulse withstand voltage	4 kV (1.2/50 µs)	EMC standards	DIN EN 61326
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 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		

Drawings

Electric symbol

