

## PMX420 DC CE

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

Do not use product for new developments



Devices in this series display universal analogue process values.

Depending on the version, the devices convert/isolate the signals into an analogue current signal and have additional limit value relays which switch further signals.

Features:

- Several sensor variants can be processed.
- An auxiliary power supply is required.
- Even in unfavourable lighting conditions, the display value is clearly visible.

### General ordering data

Version	Display, -22...+22 mA / -11...+11 V
Order No.	<a href="#">7940018956</a>
Type	PMX420 DC CE
GTIN (EAN)	4032248594214
Qty.	1 Stück
Delivery status	<b>This article will no longer be available in the future.</b>

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Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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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
Net weight	315.51 g		

### Temperatures

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

### Display

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

### General data

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

### 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	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		

### Connection data

Type of connection	Screw connection	Clamping range, rated connection	1.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>

### 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	ECLASS 12.0	27-14-31-10

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### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate no. (cULus) E256486

### Downloads

Approval/Certificate/Document of  
Conformity

[Declaration of Conformity](#)

User Documentation

[Operating instructions english-spanish-italian-french](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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## Zeichnungen

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### Electric symbol

