

PMX420 AC/DC AU

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	Display, -22...+22 mA (preset to 4...20 mA), -22...+22 mA / -11...+11 V
Order No.	7940010525
Type	PMX420 AC/DC AU
GTIN (EAN)	4032248565788
Qty.	1 items
Delivery status	Discontinued
Available until	2024-03-28T00:00:00+01:00
Alternative product	ACT20D-LED-UI-AC-DC

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Technical data

Approvals

ROHS	Conform
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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	382 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		

General data

Type of connection	Screw connection	Input/Output	Voltage/current input
Protection degree	IP20	Supply voltage	90...275 V AC, 90...300 V DC
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)
Type	Adjustable input for current or voltage	Input signal	-22...+22 mA / -11...+11 V
Input current	-22...+22 mA (preset to 4...20 mA)	Input resistance, voltage	25 Ω
Input voltage	-11...+11 V		

Output current mode

Residual ripple (current mode output)	< 1 μA
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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		

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Technical data**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		