

PTX800D/24VDC/RO/AO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Do not use product for new
developments



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: frequency, Analogue output, Relay output
Order No.	7940012323
Type	PTX800D/24VDC/RO/AO
GTIN (EAN)	4032248565849
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2024-03-28

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Technical data

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	437 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	0 °C...60 °C
Humidity	10...90 %, no condensation		

Display

Decimal point	Independently adjustable for partial or total display	Display value	Percentage or real value display
Time range (partial display)	per sec, min, hour (and day for PTX800A)	Total display	Display from 0...99,999,999 (8 digits)
Total display, display range	Configurable (≤ 10 pulse per signal jump)	Type	8-digit, red LED, 7.2 mm 14 adjustable brightness levels

General data

Input/Output	With analogue/alarm output	Linearity	$< 0.05 \%$
Long-term drift	0.1 % / 10.000 h	Power consumption	6 W @ 24 V DC
Type of connection	Screw connection	Type of mounting	Control panel assembly
Voltage supply	24 V DC $\pm 10 \%$		

Input

Input signal	0...10 Hz	Input voltage	50 mV...250 V adjustable
Min. pulse duration (reset input)	100 ms	Sensor supply	12 V DC to 25 mA
Type	Digital pulse (NAMUR, PNP/NPN, TTL logic, optocoupler, voltage pulse, no-voltage contacts)		

Output

Residual ripple (analogue output)	Type	RO/AO version with 1 analogue output and 2 alarm outputs
$\leq 20 \text{ mV}_{\text{ss}}$		

Output (analogue)

Type (analogue output)	Current or voltage output, configured with jumper
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Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 μs)
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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	ETIM 9.0	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	ECLASS 13.0	27-14-31-10

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256486

Downloads

User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	

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www.weidmueller.com**Drawings****Electric symbol**