

LPD450F/4-20MA/X AU CE

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

www.weidmueller.com

Do not use product for new developments



Suitable for field mounting to display an analog 4- 20 mA signal.

The digital indicator is looped into the current loop.

Features:

- No separate supply voltage is required.
- For industrial environments, mounted in the control cabinet door, the protection class is IP65.
- Even in unfavourable lighting conditions, the display value is clearly visible.

General ordering data

Version	Signal converter/insulator
Order No.	7940010236
Type	LPD450F/4-20MA/X AU CE
GTIN (EAN)	4032248565658
Qty.	1 Stück

Erstellungs-Datum May 26, 2023 3:18:29 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Height	80 mm	Height (inches)	3.15 inch
Width	140 mm	Width (inches)	5.512 inch
Length	65 mm	Length (inches)	2.559 inch
Net weight	404 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	10...90 %, no condensation		

Display

Decimal point	18888, 1.8888, 18.888, 188.88, 1888.8	Display range	±19.999 (0.00...100.00 factory setting), 0...100 %
Display value	Percentage or real value display	Scaling	Variable
Type	4.5-character, black LCD with clear background, 20 mm		

General data

Accuracy	± 0.05 % from signal range ± 1 digital step	Input/Output	Current input
Repeat accuracy	± 0.01 % of signal range	Sampling rate	16 x pro s
Step response time	Programmable in 99 steps from 1...30 sec.	Temperature coefficient	Offset ± 0.01 % / °C Adjustment range ± 0.1 digital steps or 0.01 % / °C
Type of connection	Screw connection	Voltage supply	Loop powered, via 4...20 mA input

Input

Input current	4...20 mA
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Output

Transmit function	$\sqrt{\quad}$, $x^{3/2}$, $x^{5/2}$ or programmable (2-21 steps)
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Output (analogue)

Transmit function	$\sqrt{\quad}$, $x^{3/2}$, $x^{5/2}$ or programmable (2-21 steps)
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Insulation coordination

EMC standards	DIN EN 61326
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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	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

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
Certificate no. (cULusEX)	E338066

Downloads

User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	

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Zeichnungen

Electric symbol

