

LPD450F/4-20MA/X AU 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



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.
- HART®-transparent
- Adjustable scaling of the display

General ordering data

Order No.	7940010236
Type	LPD450F/4-20MA/X AU CE
GTIN (EAN)	4032248565658
Qty.	1 items
Delivery status	Discontinued
Available until	2024-03-28T00:00:00+01:00

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E256486

Certificate no. (cULusEX) E338066

Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	20 mm	Width (inches)	0.7874 inch
Length	65 mm	Length (inches)	2.5591 inch
Net weight	404 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	0 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

Environmental Product Compliance

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

Display

Display range	±19.999 (0.00...100.00 factory setting), 0...100 %, -999...9999	Display value	Percentage or real value display
Type	4.5-character, black LCD with clear background, 20 mm	Decimal point	18888, 1.8888, 18.888, 188.88, 1888.8, 99.99
Scaling	Variable		

General data

Repeat accuracy	± 0.01 % of signal range	Type of connection	Screw connection
Accuracy	± 0.05 % from signal range ± 1 digital step, 0.1% of FSR	Input/Output	Current input
Type of mounting	Front mounting, Rail	Protection degree	IP20, IP65
DIN Rail compatibility	Yes, TS 35	Supply voltage	Loop powered, via 4...20 mA input
Linearity	<0.1 % typ.	Step response time	Programmable in 99 steps from 1...30 sec., 300 ms (10...90 %)
Power consumption	6 W @ 24 V DC	Sampling rate	16 x pro s
Temperature coefficient	Offset ± 0.01 % / °C Adjustment range ± 0.1 digital steps or 0.01 % / °C, <0.02 % / °C	Configuration	DIP switch
Cut-off frequency (-3 dB)	5 Hz		

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Input

Number inputs	1	Min. step response time	300 ms (10...90 %)
Input current	4...20 mA	Response time	<50 ms

Output

Number of channels	1
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Output (analogue)

Number analogue outputs	1
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Insulation coordination

Standard	EN 50178	EMC standards	DIN EN 61326, EN 61326
Pollution severity	2		

Connection data

Wire connection method	Screw connection	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	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2 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		

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Drawings

Electric symbol

