

LPD350/4-20MA/0-100.0/X AU**Weidmüller Interface GmbH & Co. KG**

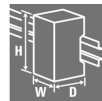
Klingenbergstraße 26

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	Input current loop feed
Order No.	7940010163
Type	LPD350/4-20MA/0-100.0/X AU
GTIN (EAN)	4032248565641
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2024-03-28
Alternative product	2920000000

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Technical data

Dimensions and weights

Depth	96 mm	Depth (inches)	3.78 inch
Height	48 mm	Height (inches)	1.89 inch
Width	137 mm	Width (inches)	5.394 inch
Length	75 mm	Length (inches)	2.953 inch
Net weight	222 g		

Temperatures

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

Display

Decimal point	99.99	Display range	-1999...1999, 0...100 %, -999...9999
Format	Single-line	Scaling	Variable
Type	3.5 digits, black LCD with clear background, 12.7 mm		

General data

Accuracy	± 0.05 % from signal range ± 1 digital step, 0.1% of FSR	Configuration	DIP switch
Cut-off frequency (-3 dB)	5 Hz	DIN Rail compatibility	Yes
Input/Output	Current input	Linearity	<0.1 % typ.
Power consumption	6 W @ 24 V DC	Protection degree	IP20, IP65
Repeat accuracy	± 0.05 % of signal range	Sampling rate	2,5 x pro s
Step response time	200 ms (10...90 %), 300 ms (10...90 %)	Temperature coefficient	Offset ± ± 0.1 digital steps per °C Adjustment range ± 0.1 digital steps per °C, <0.02 % / °C
Type of connection	Screw connection	Type of mounting	Control panel assembly, Front mounting

Input

Input current	4...20 mA	Input current, max.	100 mA constant / 500 mA for 10 s
Input resistance	125 Ω	Min. step response time	300 ms (10...90 %)
Number of inputs	1	Response time	<50 ms
Type	Current input		

Output

Number of channels	1
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Output (digital)

Status indicator	LED
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Output (analogue)

Number of analogue outputs 1

Insulation coordination

EMC standards	EN 50178, EN 61326	Pollution severity	2
Rated voltage	300 V _{eff}	Standard	EN 50178

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 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
ECLASS 14.0	27-14-31-10		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_322323/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256486
Certificate no. (cULusEX)	E338066

Downloads

Approval/Certificate/Document of Conformity	Application notes – Declaration of Conformity
User Documentation	Quick start guide – Instruction sheet english - deutsch
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

Electric symbol

