

LPD350 4-20MA/0-100.0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



3½- and 4½-character digital displays in loop-powered (two-wire) design for current-loop signals and 3½-character digital displays with auxiliary power supply in 1/8 DIN IP65 housing for installation in the control panel.

The LPD350 is a compact, cost-effective, 3½-character LCD digital display designed specifically for current loop signals.

The LDP450F comes with IP67 protection and is thus suitable for mounting in the field.

The display is with equipped with a 4½-character LCD display that is easy to read even when poorly lit.

The DI350 is an inexpensive digital display for use in industrial applications with analogue current and voltage signals. With this display, analogue signals can be displayed from 4 to 20 mA or from 0 to 10 V. An integrated regulated power supply can be connected on the input side. This can be used to supply two-wire measuring transducers.

General ordering data

Version	Signal converter/insulator
Order No.	7940010163
Type	LPD350 4-20MA/0-100.0
GTIN (EAN)	4032248565641
Qty.	1 pc(s).

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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	75 mm	Length (inches)	2.953 inch
Weight	219 g	Net weight	219 g

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	-20 °C...70 °C
Humidity	0...90 % (no condensation)		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Display

Display range	-1999...1999	Format	Single-line
Type	3.5 digits, black LCD with clear background, 12.7 mm		

Functions

Accuracy	± 0.05 % from signal range ± 1 digital step	Step response time	200 ms (10...90 %)
Temperature coefficient	Offset ± ± 0.1 digital steps per °C Adjustment range ± 0.1 digital steps per °C		

General data

Accuracy	± 0.05 % from signal range ± 1 digital step	Humidity	0...90 % (no condensation)
Input/Output	Current input	Repeat accuracy	± 0.05 % of signal range
Sampling rate	2,5 x pro s	Step response time	200 ms (10...90 %)
Temperature coefficient	Offset ± ± 0.1 digital steps per °C Adjustment range ± 0.1 digital steps per °C	Type of connection	Screw connection
Voltage drop	2.5 V @ 20 mA	Weight	219 g

Input

Input current	4...20 mA	Input current, max.	100 mA constant / 500 mA for 10 s
Input current, max. when wired incorrectly	500 mA constant	Input resistance	125 Ω
Offset	± 1999 digital steps in two switching ranges	Type	Current input

Settings

Accuracy	± 0.05 % from signal range ± 1 digital step	Offset	± 1999 digital steps in two switching ranges
Range of adjustment	0...3998 in three switching ranges	Repeat accuracy	± 0.05 % of signal range

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Technical data

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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E256486

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

Electric symbol

