

DI350 4-20mA/0-100.0

Weidmüller Interface GmbH & Co. KG

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Germany

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3½-character LCD digital displays with an auxiliary power supply in 1/8 DIN IP65 housing for installation in the control panel.

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 power supply can be used to supply power to a 2-wire measuring transducer connected to the input side.

General ordering data

Type	DI350 4-20mA/0-100.0
Order No.	7940010185
Version	Signal converter/insulator, 4...20 mA
GTIN (EAN)	4032248564316
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	137 mm	Length (inches)	5.394 inch
Width	96.6 mm	Width (inches)	3.803 inch
Height	48.8 mm	Height (inches)	1.921 inch
Weight	338 g	Net weight	338 g

Temperatures

Humidity	0...90 % (no condensation)	Operating temperature, max.	60 °C
Operating temperature, min.	0 °C	Storage temperature, max.	70 °C
Storage temperature, min.	-25 °C	Operating temperature	0 °C...60 °C
Storage temperature	-25 °C...70 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Display

Display range	-1999...1999	Display value	Percentage or real value display
Format	1-line / decimal point: 1.000, 100.0, 10.00	Type	3.5 digits, red LED, 14.2 mm

Functions

Step response time	200 ms (10...90 %)	Temperature coefficient	≤ 0.02 % / °C
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General data

Humidity	0...90 % (no condensation)	Input/Output	Voltage/current input
Linearity	< 0.1 % typ.	Long-term drift	0.1 % / 10.000 h
Power consumption	6 W @ 24 V DC	Step response time	200 ms (10...90 %)
Temperature coefficient	≤ 0.02 % / °C	Type of connection	Screw connection
Voltage supply	24 V DC (12...35 V DC)	Weight	338 g

Input

Input resistance	22 Ω	Input signal	4...20 mA
Offset	± 1200 digital steps	Supply voltage (loop-powered mode)	24 V DC (up to 25 mA)
Type	Analogue current signals		

Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 μs)
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Loop powered mode

Supply voltage (loop-powered mode)	24 V DC (up to 25 mA)
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Settings

Offset	± 1200 digital steps	Range of adjustment	20 - 2100 digital steps
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Data sheet

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Technical data

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 3.0	EC001774	ETIM 4.0	EC001774
ETIM 5.0	EC001774	ETIM 6.0	EC000677
UNSPSC	30-21-18-01	eClass 6.2	27-21-09-90
eClass 7.1	27-21-09-90	eClass 8.1	27-21-09-90
eClass 9.0	27-14-31-10	eClass 9.1	27-21-03-01

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 4.1 ELECTR 16/17 EN
User Documentation	Manual

Data sheet

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Drawings

Electric symbol

