

DI350 0-10V/0-100.0**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

3 1/2-character digital displays with an auxiliary power supply in the 1/8 DIN IP 65 housing for installation in the control panel.

The DI350 is an inexpensive digital display for analogue current and voltage

signals in industrial applications. With this display, analogue signals can be displayed universally from 4 to 20 mA

or from 0 to 10 V.

An integrated regulated power supply can supply two-wire measuring transducers connected on the input side.

General ordering data

Version	Signal converter/insulator, 0... 10 V
Order No.	7940011570
Type	DI350 0-10V/0-100.0
GTIN (EAN)	4032248564309
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	48.8 mm	Height (inches)	1.921 inch
Length	137 mm	Length (inches)	5.394 inch
Net weight	340 g	Weight	340 g
Width	96.6 mm	Width (inches)	3.803 inch

Temperatures

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

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	340 g

Input

Input resistance	1 MΩ	Input signal	0...10 V
Offset	± 1200 digital steps	Supply voltage (loop-powered mode)	24 V DC (up to 25 mA)
Type	Analog voltage signals		

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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Insulation coordination

EMC standards	DIN EN 61326	Impulse withstand voltage	4 kV (1.2/50 μs)
Insulation voltage	1 kV input / power supply		

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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 6.0	EC000677	ETIM 7.0	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

User Documentation	Manual
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Drawings

Electric symbol

