

DI350/4-20MA/0-100.0/24VDC/X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Do not use product for new
developments



Devices in this series display universal analogue process values.

Depending on the version, the devices convert/isolate the signals into an analogue current signal and have additional limit value relays which switch further signals.

Features:

- Several sensor variants can be processed.
- An auxiliary power supply is required.
- Even in unfavourable lighting conditions, the display value is clearly visible.

General ordering data

Version	
Order No.	7940010185
Type	DI350/4-20MA/0-100.0/24VDC/X
GTIN (EAN)	4032248564316
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	137 mm	Length (inches)	5.394 inch
Net weight	339 g		

Temperatures

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

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

General data

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)

Input

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

Loop powered mode

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

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	ECLASS 12.0	27-14-31-10

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256486
Certificate no. (cULusEX)	E338066

Downloads

User Documentation	Quick start guide – Manual
Catalogues	Catalogues in PDF-format
Brochures	

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