

DI350/0-10V/0-100.0/24VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product is no longer available, Data sheet for information only



Displays are used in industrial and process automation for the visual display of

data or for the analogue presentation of electrical and non-electrical measurement values.

They are an important tool for user prompting, diagnostics and logging

when operating machines and systems. Displays support dialogue-based operation, display measured values and fault reports, and are used to monitor processes.

Features, such as the internal calculation of process variables, digital and analogue outputs or interference suppression functions upgrade simple displays to high-quality process interfaces which can independently control sub-processes .

General ordering data

Order No.	7940011570
Type	DI350/0-10V/0-100.0/24VDC
GTIN (EAN)	4032248564309
Qty.	1 items
Delivery status	Discontinued
Available until	2024-03-28T00:00:00+01:00
Alternative product	ACT20D-LED-UI-AC-DC

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Technical data

Approvals

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

Dimensions and weights

Depth	96 mm	Depth (inches)	3.7795 inch
Height	48 mm	Height (inches)	1.8898 inch
Width	137 mm	Width (inches)	5.3937 inch
Length	137 mm	Length (inches)	5.3937 inch
Net weight	339 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1

Display

Display range	-1999...1999, -999...9999	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
Decimal point	99.99	Scaling	Variable

General data

Type of connection	Screw connection	Accuracy	0.1% of FSR
Input/Output	Voltage/current input	Type of mounting	Front mounting
Protection degree	IP20, IP65	DIN Rail compatibility	Yes
Supply voltage	24 V DC (12...35 V DC)	Long-term drift	0.1 % / 10.000 h
Linearity	<0.1 % typ.	Step response time	200 ms (10...90 %), 300 ms (10...90 %)
Power consumption	6 W @ 24 V DC	Temperature coefficient	≤ 0.02 % / °C, <0.02 % / °C
Configuration	DIP switch	Cut-off frequency (-3 dB)	5 Hz

Input

Number inputs	1	Input resistance	1 MΩ
Type	Analog voltage signals	Supply voltage (loop-powered mode)	24 V DC (up to 25 mA)
Min. step response time	300 ms (10...90 %)	Input signal	0...10 V
Response time	<50 ms		

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Loop powered mode

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

Output

Number of channels 1

Output (analogue)

Number analogue outputs 1

Insulation coordination

Standard	EN 50178	Impulse withstand voltage	4 kV (1.2/50 µs)
EMC standards	DIN EN 61326, EN 61326	Pollution severity	2
Insulation voltage	1 kV input / power supply		

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 8.0	EC000677	ETIM 9.0	EC000677
ETIM 10.0	EC000677	ECLASS 14.0	27-14-31-10
ECLASS 15.0	27-14-31-10		

Electric symbol

