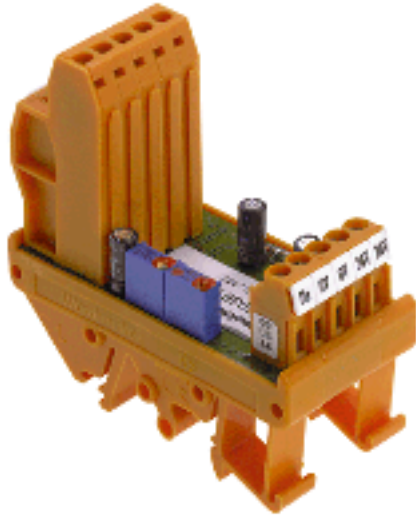


RS D8-U 0...10V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

D/A converters convert digital signals into analogue signals.

They are used for converting 8-bit digital signals into standardised analogue current and voltage signals.

D/A converters are very well suited for use in monitoring processes.

General ordering data

Version	DA converter, Input : 8-bit pulse, Output : 0-10 V
Order No.	1160761001
Type	RS D8-U 0...10V
GTIN (EAN)	4032248101245
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Length	70 mm	Length (inches)	2.756 inch
Net weight	72 g	Width	35 mm
Width (inches)	1.378 inch		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	0 °C...50 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Input resistance, voltage	50 kΩ per input	Number of inputs	8-bit (1-bit signed)
Rated input level	5...24 V DC = High, 0 V DC = Low, max. 30 V = High		

Output

Conversion time	≤ 30 μs	Number of outputs	1
Offset voltage	≤ 20 mV	Output current	≤ 10 mA max. current
Output voltage, note	0...10 V	load impedance voltage	≥ 1 kΩ

General data

Accuracy	± 1 LSB	Current consumption	25 mA (plus output current)
Galvanic isolation	Without isolation	Input/Output	8 bit / analogue
Rail	TS 35, TS 32	Type of connection	Screw connection
Voltage supply	24 V DC		

Insulation coordination

EMC standards	EN 61000-6	Galvanic isolation	Without isolation
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Connection data

Type of connection	Screw connection	Clamping range, rated connection	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-90
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[IS RS 8BIT ADC DAC](#)
[Instruction sheet](#)

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Drawings

Electric symbol

