

RS D8-I 0...20MA

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

www.weidmueller.com

Do not use product for
 new developments, Only
 remaining stock available



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 : 0-20 mA
Order No.	1165861001
Type	RS D8-I 0...20MA
GTIN (EAN)	4032248272372
Qty.	1 Stück
Delivery status	This article will no longer be available in the future.
Available until	2022-06-30

Erstellungs-Datum May 25, 2023 10:28:00 AM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Width	35 mm	Width (inches)	1.378 inch
Length	70 mm	Length (inches)	2.756 inch
Net weight	57.4 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	0 °C...50 °C
Operating temperature, min.	0 °C	Operating temperature, max.	50 °C

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 current	max. 0.08 mA	Output current	0...20 mA (as source)
load impedance voltage	≤ 500 Ω		

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	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
ETIM 8.0	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	ECLASS 12.0	27-21-01-20

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

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Technische Daten

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[WSCAD, EPLAN](#)

User Documentation

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

Catalogues

[Catalogues in PDF-format](#)

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Zeichnungen

Electric symbol

