

RS D8-I 0...20MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 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	57.4 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	8-bit pulse	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	0-20 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	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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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

Approvals

Approvals



ROHS

Conform

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Technical data

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

