Data sheet

RS I-D8 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



RS U-D8 A/D converters digitize analogue voltage signals and have 8-bit accuracy.
All modules are equipped with a hold function, so that the momentary output value is maintained even during a change to the input value.
You can find additional information describing the input/output characteristics of the A/D converter on our web site at http://www.weidmueller.com/54104/Downloads/Print-Media/ManualsOperating-instructions/cw_index.
aspx

General ordering data

Version	AD converter, Input : 0-20 mA, Output : 8-bit pulse
Order No.	1160561001
Type	RS I-D8 0...20MA
GTIN (EAN)	4032248160594
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2022-12-31T00:00:00+01:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	70 mm	Depth (inches)	2.7559 inch
Height	72 mm	Height (inches)	2.8346 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	60.9 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	0 °C...50 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cI
REACH SVHC	Lead 7439-92-1, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	57ae7c19-5502-4105-af85-169aba88caca

Input

Number inputs	1	Input current	0...20 mA
Input resistance, voltage	50 kΩ per input		

Output

Number of outputs	8-bit (1-bit signed)	Output level	17 V = H, 0 V = L
Conversion time	≤ 4 µs	Output current	≤ 25mA (as source)
Cut-off frequency (-3 dB)	5 kHz at full scale (sinus)		

General data

Accuracy	± 1 LSB	Protection degree	IP00
Supply voltage	24 V DC	Current consumption	35 mA (plus output current)
Mounting rail	TS 35, TS 32		

Insulation coordination

EMC standards	EN 61000-6	Galvanic isolation	Without isolation

Connection data

Type of connection	Screw connection	Clamping range, rated connection	4 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	4 mm²

Classifications

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20

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ECLASS 15.0	27-21-01-20

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Drawings

Electric symbol

