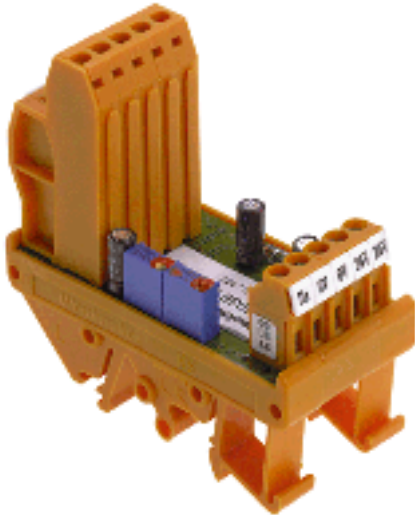


**RS-SERIES
RS I-D8 0...20MA**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



RS I-D8 A/D converters digitize analogue current 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 weidmueller.com/54103/Downloads/Printmedien/HandbuecherBeipackzettel/cw_index.aspx

General ordering data

Type	RS I-D8 0...20MA
Order No.	1160561001
Version	RS-SERIES, AD converter, Rated control voltage:
GTIN (EAN)	4032248160594
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	70 mm	Width	35 mm
Height	72 mm	Net weight	60.9 g

Temperatures

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

Supply voltage	24 V DC	Input current	0...20 mA
Number of inputs	1	Input resistance, voltage	50 kΩ per input

Output

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

General data

Accuracy	± 1 LSB	Current consumption	35 mA (plus output current)
Galvanic isolation	Without isolation	Input/Output	Analogue / 8 bit
Mounting rail	TS 35, TS 32	Supply voltage	24 V DC
Type of connection	Screw connection		

Insulation coordination

EMC standards	EN 61000-6	Galvanic isolation	Without isolation
Standards	DIN EN 50178		

Classifications

UNSPSC	30-21-18-01	eClass 5.1	27-23-02-08
eClass 6.2	27-23-02-08	eClass 7.1	27-23-02-08

Approvals

Approvals



ROHS Conform

Downloads

Package insert	instruction sheet.pdf
Declaration of Conformity	K083_06_09.pdf

Datenblatt

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Zeichnungen

Electric symbol

