

RS D8-U 0...10V**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 : 0-10 V
Order No.	1160761001
Type	RS D8-U 0...10V
GTIN (EAN)	4032248101245
Qty.	1 items
Available until	2024-06-30T00:00:00+02:00

RS D8-U 0...10V

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

www.weidmueller.com

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	72 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, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

Input

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

Output

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

General data

Accuracy	± 1 LSB	Protection degree	IP00
Supply voltage	24 V DC	Current consumption	25 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 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²

Technical data

Classifications

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Drawings

Electric symbol

