

## FEATURES

- Micro-compact analogue-to-analogue converter signal conditioner
- Three output ranges of 0 to 10 V, 0 to 20 mA, 4 to 20 mA
- Three input ranges of 0 to 10 V, 0 to 20 mA, 4 to 20 mA
- Two supply Voltage of 16.8 to 30 V dc, 19.2 to 28.8 V ac
- Minimum operating temperature of -25°C
- Maximum operating temperature of +60°C
- Screw termination
- Rated IP20 for basic protection against accidental finger contact
- Complies with standards Class I, cULus, Div. 2, Groups A, Groups B, Groups C, Groups D, Groups T4 for usage in hazardous locations

**RS PRO 0 → 10 V, 0 → 20 mA,  
4 → 20 mA Input, 0 → 10 V, 0  
→ 20 mA, 4 → 20 mA**

RS Stock No.: 794-8514



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

This analogue-to-analogue signal conditioner from our RS PRO makes DC current-to-voltage and voltage-to-current conversions easy and reliable. It supports three output modes – 0 to 10 V, 0 to 20 mA and 4 to 20 mA – and three input ranges.

This signal conditioner has a sturdy construction and two-way isolation, allowing it to stop ground loop currents and electrical noise. Its DIN rail-mounting and screw-type termination make installation simple – plus, an operating temperature range of -25°C to +60°C makes it a practical choice for a variety of environments.

## General Specifications

<b>Module Type</b>	Converter
<b>Signal Conditioner Type</b>	Analogue to Analogue
<b>Input Type</b>	Analogue
<b>Input Range</b>	0V to 10V, 0mA to 20 mA, 4mA to 20 mA
<b>Output Type</b>	Analogue
<b>Output Range</b>	0V to 10V, 0mA to 20 mA, 4mA to 20 mA
<b>Indication</b>	Red LED
<b>Special Features</b>	Status Indicator
<b>Applications</b>	Local operation as well as remote monitoring and control

## Electrical Specifications

<b>Supply Voltage</b>	16.8Vdc to 30Vdc, 19.2Vac to 28.8Vac
<b>Power Consumption</b>	0.3W
<b>Termination</b>	Screw
<b>Isolation</b>	3-way

## Mechanical Specifications

<b>Mounting Type</b>	DIN Rail
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## Operation Environment Specifications

<b>Operating Temperature Range</b>	-25°C to 60°C
<b>Minimum Operating Temperature</b>	-25°C
<b>Maximum Operating Temperature</b>	60°C

## Protection Category

<b>IP Rating</b>	IP20
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## Approvals

<b>Compliance/Certifications</b>	CE, UL
<b>Standards Met</b>	Class I, cULus, Div. 2, Groups A, Groups B, Groups C, Groups D, Groups T4



