

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
- 16 input ranges of ± 20 mA, ± 5 mA, 0 to 1 V, 0 to 10 mA, 0 to 10 V, 0 to 100 mV, 0 to 2 V, 0 to 20 V, 0 to 20 mA, 0 to 300 mV, 0 to 5 mA, 0 to 5 V, 0 to 500 mV, 0 to 60 mV, 2 to 10 V, 4 to 20 mA
- Minimum operating temperature of -25°C
- Maximum operating temperature of $+60^{\circ}\text{C}$
- 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 ± 20 mA, ± 5 mA, 0 \rightarrow 1 V, 0 \rightarrow 10 mA, 0 \rightarrow 10 V, 0 \rightarrow 100 mV, 0 \rightarrow 2 V,

RS Stock No.: 794-8527



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 RS PRO analogue-to-analogue signal conditioner is a reliable way to make DC current-to-voltage and voltage-to-current conversions. Accepting a wide range of inputs, the converter supports three output modes – 0 to 10 V, 0 to 20 mA and 4 to 20 mA. With two-way isolation, this signal conditioner is highly accurate as it effectively eliminates ground loop currents and electrical noise.

The converter is easy to install in the field thanks to its DIN rail-mounting and screw-type termination. The robust construction allows this conditioner to withstand an operating temperature range of -25°C to +60°C.

General Specifications

Module Type	Converter
Signal Conditioner Type	Analogue to Analogue
Input Type	Analogue
Input Range	$\pm 20\text{mA}$, $\pm 5\text{mA}$, 0V to 1V, 0mA to 10mA, 0V to 10V, 0mV to 100mV, 0V to 2V, 0V to 20V, 0mA to 20mA, 0mV to 300mV, 0mA to 5mA, 0V to 5V, 0mV to 500mV, 0mV to 60mV, 2V to 10V, 4mA to 20mA
Output Type	Analogue
Output Range	0V to 10V, 0mA to 20 mA, 4mA to 20 mA
Indication	LED
Special Features	Status Indicator
Applications	Local operation as well as remote monitoring and control

Electrical Specifications

Supply Voltage	24Vac/dc to 240Vac/dc
Power Consumption	0.75W
Termination	Screw
Isolation	3-way

Mechanical Specifications

Mounting Type	DIN Rail
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Operation Environment Specifications

Operating Temperature Range	-25°C to 60°C
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	60°C

Protection Category

IP Rating	IP20
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Approvals

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



