

FEATURES

- Micro-compact analogue-to-analogue converter signal conditioner
- Input range of 0 to 10 mA
- Output range of 4 to 20 mA
- Two-way isolation
- Supply Voltage of 16.8 to 30 V dc, 19.2 to 28.8 V ac
- DIN rail mounting
- Minimum operating temperature of -25°C
- Maximum operating temperature of +60°C
- CSA Certified, GL, UL Listed

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

RS Stock No.: 794-8609



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

Looking for a way to create DC current-to-voltage and voltage-to-current conversions? Use this analogue-to-analogue signal conditioner from our RS PRO range that has a broad input range and supports three output modes – 0 to 10 V, 0 to 20 mA and 4 to 20 mA.

This conditioner's two-way isolation helps minimise ground loop currents and electrical noise, while the DIN rail-mounting and screw-type termination make it easy to install. It's very sturdy and has 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	0V to 10V
Output Type	Analogue
Output Range	4mA to 20mA
Accuracy	0.1% FSR
Linearity	0.10%
Thermal Drift	<150ppm/K FSR
Response Time	30ms
Indication	Yellow LED
Over Range Protection	AC/DC 30 V overvoltage
Special Features	Status Indicator
Applications	Industrial control and monitoring applications

Electrical Specifications

Supply Voltage	16.8V to 30V, 19.2Vac to 28.8Vac
Power Consumption	0.3W
Termination	Screw/Spring
Isolation	2-way

Mechanical Specifications

Mounting Type	DIN Rail
Dimensions	6.2mm x 90mm x 92.5mm
Height	90mm
Width	6.2mm
Depth	92.5mm
Weight	0.040 kg/piece
Installation Enclosure	DIN Rail enclosure
DIN Rail Type	Rail TS 35

Operation Environment Specifications

Operating Temperature Range	-25°C to 60°C
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	60°C
Storage Temperature	-40 °C to 85 °C

Protection Category

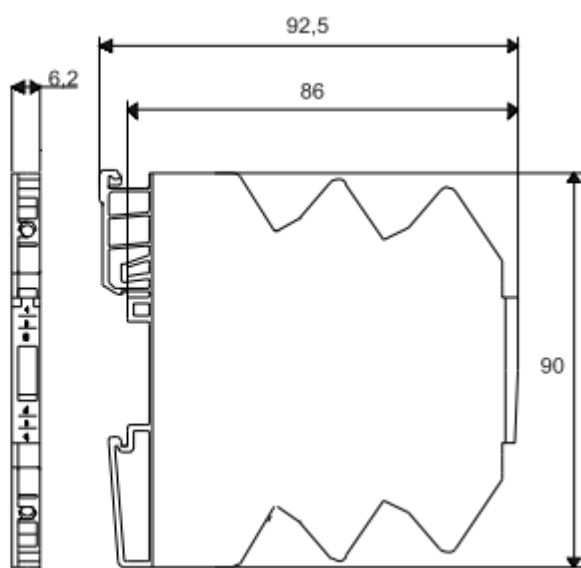
IP Rating	IP20
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Approvals

Compliance/Certifications	CSA, GL, UL
Standards Met	cULus, Class I, Div. 2, Groups A, B, C, D T4A



Dimensions



PIN assignment

