

FEATURES

- 4-way isolation micro-compact analogue-to-analogue splitter
- Three input and three output modes of 0 V to 10 V, 0 mA to 20 mA, 4 mA to 20 mA
- DIN rail mounting
- Minimum operating temperature of -40°C
- Maximum operating temperature of +70°C
- Screw termination for easy installation
- LED power indicator
- cULus compliant for usage in hazardous locations
- RoHS (Restriction of hazardous substances) compliant

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

RS Stock No.: 794-8574



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

By using this RS PRO analogue-to-analogue signal conditioner you can split a single input signal to four output signals. A common feature in industrial applications, this converter supports three input and output modes of 0 V to 10 V, 0 mA to 20 mA and 4 mA to 20 mA. As it maintains two-way isolation, this high-accuracy signal conditioner eliminates unwanted ground loop currents and electrical noise.

General Specifications

Module Type	Converter
Signal Conditioner Type	Analogue to Analogue
Input Type	Analogue
Input Range	0V to 10V, 0mA to 20mA, 4mA to 20 mA
Output Type	Analogue
Output Range	0V to 10V, 0mA to 20mA, 4mA to 20 mA
Accuracy	0.1% FSR
Linearity	±0.05% FSR
Thermal Drift	<150 ppm / K FSR
Over Range Protection	Overvoltage DC 30 V
Indication	LED Green
Special Features	Status Indicator
Applications	Industrial control and monitoring applications

Electrical Specifications

Supply Voltage	16.8V to 30V
Power Consumption	1.4W
Termination	Screw
Isolation	4-way

Mechanical Specifications

Mounting Type	DIN Rail
Dimensions	6.2mm x 90.0mm x 115.5mm
Height	90mm
Width	6.2mm
Depth	115.5mm
Weight	0.600 kg/piece
Installation Enclosure	DIN Rail enclosure
DIN Rail Type	Rail TS 35

Operation Environment Specifications

Operating Temperature Range	-40°C to 70°C
Minimum Operating Temperature	-40°C
Maximum Operating Temperature	70°C
Storage Temperature	-40 °C to 85 °C

Protection Category

IP Rating	IP20
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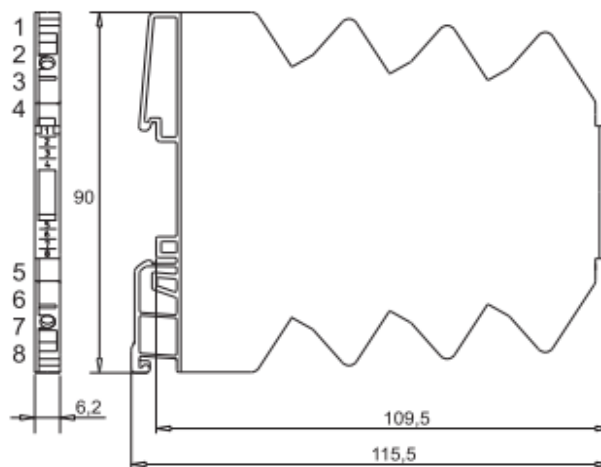
Approvals

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

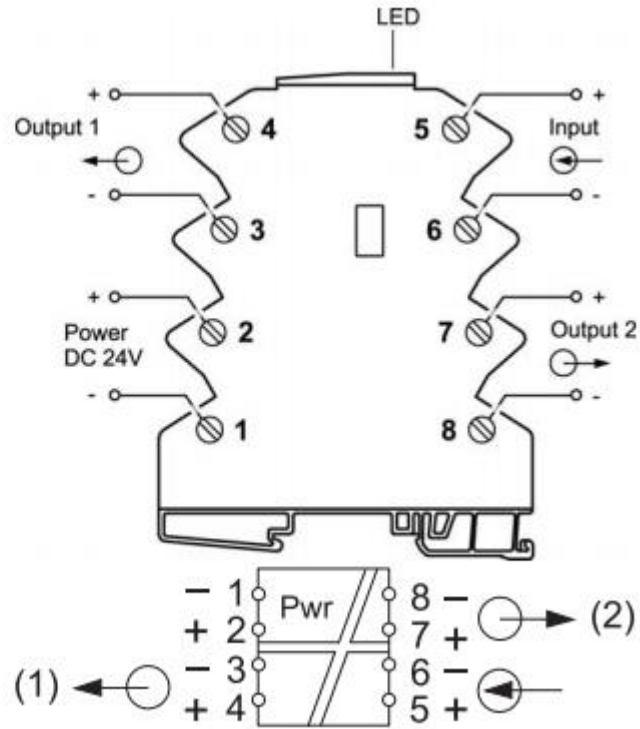




Dimensions



PIN assignment



Range adjustment

S1 ● → Switch On								
Range	1	2	3	4	5	6	7	8
0 – 10V	●		●		●			
0 – 20mA		●		●		●		
4 – 20mA	●	●		●		●		
	Input		Output 1		Output 2			
Filter Off								
Filter On							●	
Output Limitation Off								
Output Limitation On								●