

FEATURES

- Micro-compact analogue-to-analogue converter signal conditioner
- Choose from two input and output ranges of 0 to 20 mA and 4 to 20 mA
- DIN rail mounting
- Screw termination
- Minimum operating temperature of -25°C
- Maximum operating temperature of +60°C
- Rated IP20 for basic protection against accidental finger contact

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

RS Stock No.: 794-8568



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

Use this RS PRO passive analogue-output signal conditioner to isolate and filter standard analogue signals in machine monitoring and data acquisition. The converter supports both current inputs and outputs in two popular modes – 0 mA to 20 mA and 4 mA to 20 mA. Two-way isolation ensures no compromise on accuracy due to noise, cross-talk or unwanted ground loop currents.

General Specifications

Module Type	Converter
Signal Conditioner Type	Analogue to Analogue
Input Type	Analogue
Input Range	0mA to 20 mA, 4mA to 20 mA
Output Type	Analogue
Output Range	0mA to 20 mA, 4mA to 20 mA
Accuracy	0.1 % FSR (23 °C)
Thermal Drift	<150 ppm / K FSR
Indication	No
Over Range Protection	Suppressor diode (33 V)
Special Features	Suppressor diode, Passive Nominal Voltage
Applications	Industrial control and monitoring applications

Electrical Specifications

Supply Voltage	Passive
Termination	Screw
Isolation	2-way

Mechanical Specifications

Mounting Type	DIN Rail
Dimensions	6.2mm x 90.0mm 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

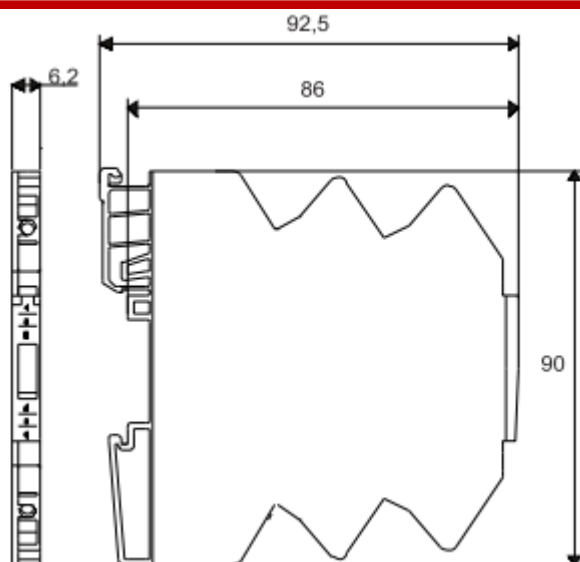
IP Rating	IP20
------------------	------

Approvals

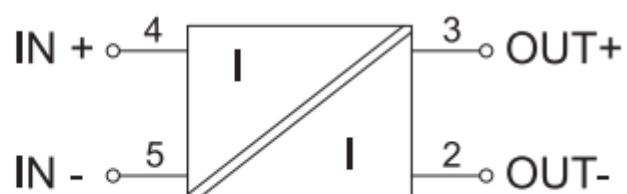
Compliance/Certifications	CSA, GL, UL
Standards Met	cULus, Class I, Div. 2, Groups A, B, C, D T4A



Dimensions



PIN assignment



Action chart

