

FEATURES

- **Wide Temperature Range:** Operates effectively from -50 to 400 °C, suitable for diverse applications
- **Multiple Output Options:** Provides 0 to 10 V, 0 to 20 mA, and 4 to 20 mA outputs for flexible integration
- **High Isolation Voltage:** 2.5 kV isolation ensures safety and reliability in electrical systems
- **DIN Rail Mounting:** Easy installation and maintenance with standard DIN rail compatibility
- **Push-In Terminals:** Simplifies wiring and reduces installation time
- **IP20 Rating:** Offers basic protection against dust and touch
- **Temperature Signal Conversion:** Converts temperature inputs to analogue signals for accurate monitoring

RS PRO Temperature to Analogue Converter, -50 to 400 °C

RS Stock No: 606-322



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

The RS PRO Temperature to Analogue Converter is designed to convert temperature signals into standard analogue outputs, making it ideal for integration into various industrial systems. It supports a wide temperature range from -50 to 400 °C, ensuring versatility in different environments. This converter is perfect for applications requiring precise temperature monitoring and control.

General Specifications

Input Signal Type	Temperature
Isolation	2.5 kV
Mount Type	DIN Rail
Output Signal Type	Current, Voltage
Product Type	Temperature to Analogue Converter
Signal Conditioner Type	Temperature to Analogue
Terminal Type	Push-In

Electrical Specifications

Input Range	-50-400 °C
Output Range	0-10 V, 0-20 mA, 4-20 mA
Supply Voltage	24 V ac/dc

Protection Category

IP Rating	IP20
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Operation Environment Specifications

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

Approvals

Standards/Approvals	CE, cULus E135145, DNV TAA000024Y, DNV-CG-0339, EN 60947-1, EN 60947-5-1, EN 61000-6-2, EN 61000-6-4, UKCA, UL 508
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