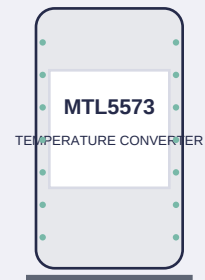


AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Eaton MTL5573

MTL 5500 Temperature Converter



CHANNELS	INPUT	OUTPUT	SUPPLY
1	THC / mV / RTD	4-20 mA	20-35 V dc

Prepared from the current manufacturer source identified on this page. This Amikon reference does not replace controlled installation drawings.

01 CONFIRM PRODUCT IDENTITY

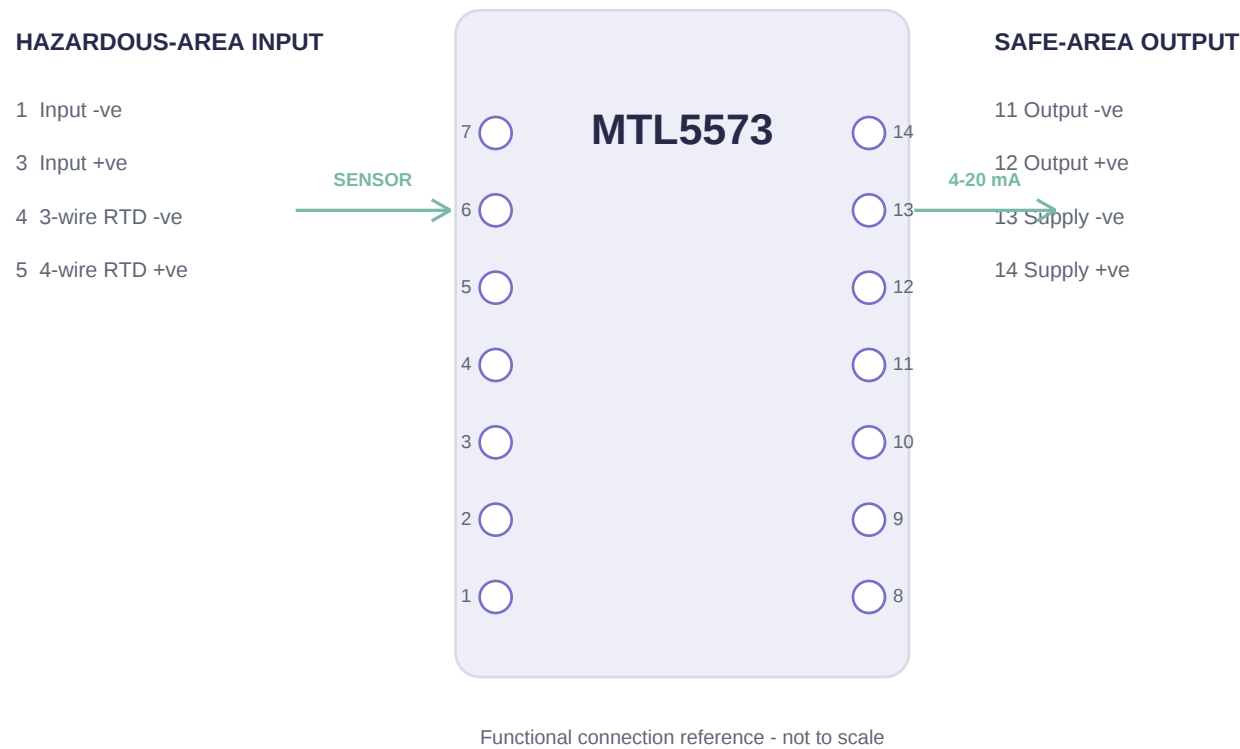
Product model	MTL5573
Product family	MTL 5500 isolating interface units
Number of channels	One
Signal source location	Zone 0 IIC / Division 1 Groups A-D
Thermocouple inputs	J, K, T, E, R, S, B, N and XK
mV input	-75 to +75 mV

02 INSTALLATION CONTROLS

- Install the module in accordance with the MTL5500 DIN-rail and hazardous-area instructions.
- Connect the temperature sensor only to the documented hazardous-area input terminals.
- Connect the 4-20 mA load and 20-35 V dc supply on the safe-area side.
- For thermocouple use, the HAZ-CJC plug on terminals 1-3 includes the cold-junction sensor.
- Use PCS45 with the PCL45USB interface to confirm the selected input type, range and fault action.

03 CONNECTION REFERENCE

Product-specific functional reference based on the manufacturer connection information.



Input	Terminals 1, 3, 4 and 5 as applicable
Output	Terminals 11 (-) and 12 (+)
Supply	Terminals 13 (-) and 14 (+), 20-35 V dc

Source: EPSx573 Rev3 040517 / INM 5500 Rev 18. Use the current controlled manufacturer drawing for final wiring.

04 PRE-ENERGIZATION CHECKS

- 01 Confirm the complete product marking and exact order number.
- 02 Verify the approved system, power supply, environmental conditions and cabinet arrangement.
- 03 Check terminal or connector assignments against the current controlled manufacturer drawing.
- 04 Inspect protective bonding, separation, wiring integrity and secure module mounting.
- 05 Confirm configuration or user-program data before placing the equipment in service.
- 06 Retain the official manufacturer document and commissioning record with the machine file.

05 OFFICIAL DOCUMENTATION

[Manufacturer product datasheet / application description](#)

[Manufacturer instruction manual](#)

06 SCOPE REMINDER

These instructions are a concise product-specific reference. They do not replace system engineering, hazardous-area approval, protective coordination, current manufacturer instructions or qualified installation practice.

AMIKON PRODUCT SUPPORT

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