

TRE08

TEMPERATURE CONTROLLER



The **TRE08** is a high-performance temperature controller for supplying long heated hoses for extensive multiple samples or even precise monitoring of multiple control circuits.

The **TRE08** is far more than just a temperature controller. This is partly because of its enormous performance capability – up to 63A total power consumption on 8 control circuits – and partly because of its versatility in terms of control tasks and communications options. The 8 PID control circuit can safely and precisely manage heated lines, heated/cooled lines, heated sample gas pumps or whatever else is required. Even special tasks such as fast adjustments, parameter switching etc can be carried out using the **TRE08**.

Like all IAG nG modules, the **TRE08** can also be controlled and configured in a wide variety of ways. If active control is needed (such as for controlling an HKL), this can be done either via bit parallel or via Modbus TCP. Depending on the configuration, the **TRE08** has up to 8 freely programmable digital outputs that can be used for controlling an MSJ junction unit, for example.

If the **TRE08** is connected to an IAG nG measuring unit, it will be displayed in the measuring units display and can be fully monitored and configured from there. In the simplest case, the **TRE08** can carry out its control functions fully autonomously and can display any interference as a digital signal. Parameterisation is then carried out either via a system control panel (SCP) or with an extremely handy configuration software package via Modbus TCP.

Advantages

- + High-Performance Temperature Controller for 8 Control Circuits
- + Max. 4 x 3 A + 4 x 15 A

Options

- 8 Control Circuits max. 4 x 3 A + 4 x 15 A
- Control of Heated/Cooled Lines
- Control of Sample Gas Pumps
- Bit Parallel Control
- Control of an IAG nG MSJ
- Pt100 Temperature Sensor

Technical Data

Temperature Controller:	PID Controller, 8 Control Circuits
Parameterisation:	Via Modbus TCP or via System Control Panel (SCP)
Control:	Modbus TCP, AK TCP, Digital Input via Sub-D or System Control Panel (SCP)
Pin Assignment:	Pins 1, 2, 3 - Digital in, Pin 6 - Com
Alarm Output:	Sub-D (9-Pin), Pins 7, 8, 9 - NO/NC
3A Heat Supply:	693 6+Pe Flange Socket Connector
Standard Pin Assignment:	1-L, 2-TC+, 5-TC-, 6-N
15A Heat Supply:	694 4+Pe Flange Socket Connector
Standard Pin Assignment:	1-L, 2-N, 3-TC+, 4-TCMSJ
Control:	Sub-D (15-Pin)
Dimensions:	460 x 460 x 255 mm
Power Supply:	400 V / 32 A or 63 A CEE, 3 m / Schuko



Find our basic temperature controller **TRE01** on our homepage www.iag-ng.at



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