

The JUMO TB/TW is a freely programmable limiter / monitor. The universal measuring input is freely programmable for RTD temperature probes, thermocouples as well as current and voltage signals. TB/TWs are used to monitor thermal processes in the system for a set limit value. If this value is exceeded, the installed relay switches the system to an operational safe status and the LED "K1" changes from green to red. If the system reaches the "Good" range again, the "Reset" key must be unlocked manually with a respective tool for the TB. However, the TW automatically resets without external influence. For an adjustable temperature, the DC 24V/20mA binary output can put out a pre-alarm prior to reaching the limit value additionally displayed by the LED "KV". TB/TW are installed on a top hat rail and wired via screw terminals with a cable cross section of 2.5mm max. A setup program is provided for configuration.

Applications:

Monitoring and limiting temperatures, pressure and other process variables, e.g.

- ◆ Protection of burner control systems.
- ◆ Monitoring of heating elements.
- ◆ Protection of thermal oil systems.
- ◆ Protection of boiler plants.



TB/TW

www.intech.co.nz/tb-tw

Jumo

Temperature Limiter/Monitor Device

MODEL	DESCRIPTION	PRICE
TB/TW	<p>Programmable TB/TW Temperature Limiter/Monitor.</p> <ul style="list-style-type: none"> • Setup program for configuration and archive data backup. • Clear, easy-to-read alphanumeric display. • Digital input filter with adjustable filter time constant: adjustable as absolute value or relative to limit value. <p>Input: Pt100/Pt1000/Thermocouple/Volts/mA. Interface: USB, type Mini-B (cable included). Power supply: 230Vac. Protection: IP20. JUMO Datasheet: 70.1160</p>	\$650.00

Features:

- ◆ Heating or cooling is configurable.
- ◆ Limit monitoring.
- ◆ Available for RTD or Thermocouple input - specify when ordering. (mA or V available on special request).
- ◆ 10A relay (changeover contact).
- ◆ Adjustable switching hysteresis.
- ◆ Simple, space saving installation.
- ◆ Time-delayed switch-on after power-on is selectable, e.g. for staggered starting of several equipment units.
- ◆ 3-digit LC display with special characters for °C and °F.
- ◆ Parameter level protected by code.

Digital Thermostat

www.intech.co.nz/etront

Jumo eTRON T

Digital Thermostat.

MODEL	DESCRIPTION	PRICE
eTRON T	<p>Digital thermostat with LCD display.</p> <p>Protection: IP20. Operating position: Unrestricted. Temperature: Ambient, 0~55°C. Span: Min span is 10% of range. Ranges: Specify when ordering from the options below: RTD, Pt100 & Pt1000: -200~600°C. Thermocouple, Types K, J, L: -200~999°C. Sampling time: 250 msec. Housing: Polycarbonate. Power Supply: 230Vac or 12~24Vdc (specify when ordering). JUMO Datasheet: 70.1050</p>	\$325.00

