

JUMO dTRANS T06 Junior

Entry-level multifunctional four-wire transmitter



Highlights overview

- Measuring input for RTD temperature probes, thermocouples, voltage signals, and resistance transmitters
- High degree of measuring accuracy in the individual application due to customer-specific linearization
- Galvanic isolation ensures process reliability even under critical environmental influences
- Cost savings due to faster startup and plannable maintenance
- Reduced size saves space in the control cabinet



Product benefits

- Connection options for a variety of temperature sensors, voltage signals, and resistance transmitters
- Customer-specific linearization enables connection of individual sensors
- Precise signal conversion even under critical environmental influences (no potential couplings) through galvanic signal separation
- Functions such as drag indicator and operating hours counter simplify plant startup and support maintenance work
- Faster startup due to simple and convenient configuration on the computer via USB connection (USB powered)
- Slim housing saves space and thereby allows easy extension or expansion of the plant
- Current and voltage outputs offer flexible connection options for automation technology

Technical data

Format	17.5 mm × 109 mm × 126 mm Width × Height × Depth
Mounting	On DIN rail 35 × 7.5 mm
Measurement input	Pt50, Pt100, Pt500, Pt1000, Ni100, Ni500, Ni1000, Cu50, Cu100; thermocouple types L, J, U, T, K, E, N, S, R, B, C, A1, D, Chromel-Copel "L", Chromel-Alumel and PLII; voltage 0 to 1 V; resistance transmitter max. 10 kΩ
Configuration	Via USB connection and software
Output	Voltage DC 0(2) to 10 V or current DC 0(4) to 20 mA
Special features	Operating hours counter, drag indicator function

Brief overview

Due to the measuring input the multifunctional four-wire transmitter in DIN rail housing offers a wide range of connection options for RTD temperature probes, up to 16 thermocouple types, potentiometers, resistance transmitters, or voltage signals. The galvanic isolation and customer-specific linearization make the JUMO dTRANS T06 Junior the solution for a wide range of plant engineering applications. This entry-level model has a width of only 17.5 mm so that it takes up little space in a control cabinet.

Application areas

- Mechanical and plant engineering
- Control cabinet construction
- Process industry
- Chemical industry
- Industrial furnaces
- Pharmaceutical industry
- Plastics industry
- Cooling systems
- Renewable energy
- Power plant technology
- Water treatment
- Heating and cooling industry
- Food industry