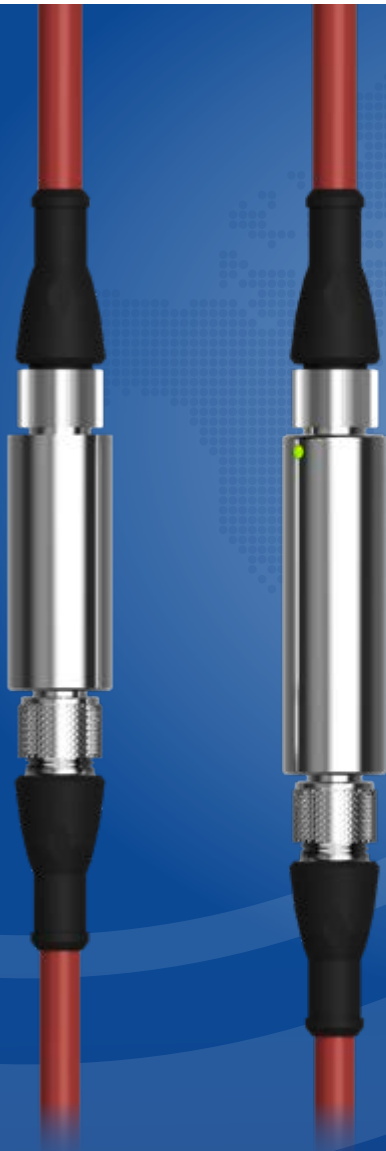




More than **sensors + automation**

# JUMO dTRANS T09

Cable transmitter for temperature

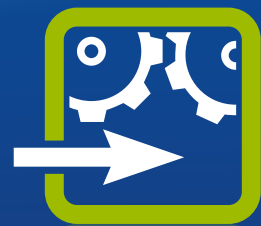


 IO-Link

## The features at a glance

- Efficient retrofitting and simple digitization of plants
- Analog output (4 to 20 mA) or IO-Link interface
- High level of process reliability and long operating life due to robust stainless steel housing
- High degree of vibration and shock resistance
- Reduced mounting costs thanks to M12 connections on both sides

Type 707090



## Brief overview

The temperature transmitter for Pt100 or Pt1000 sensors is ideal for simple retrofitting of plants. The user can choose between an analog output (4 to 20 mA) or an IO-Link interface. The cable transmitter's high level of vibration and shock resistance makes it reliable and durable.

## Product benefits

- Customer-specific configuration possible
- Separated from the temperature sensor (thermally and mechanically decoupled)
- Stainless steel housing with protection type IP66, IP67, and IP69 protects against external mechanical influences, dust, and splash water
- High degree of vibration and shock resistance allows use under high vibration loads
- Cost-effective, pre-assembled cables for the M12 connections on both sides prevent wiring errors and reduce cable mounting costs

## Advantages of IO-Link

- Reduced mounting and commissioning costs due to Plug and Play as well as predictable maintenance
- Optimization of the production process due to communication down to the lowest field level in addition to maximum transparency of the measured values and sensor states
- Switching outputs

## Technical data

<b>Designation</b>	JUMO dTRANS T09
<b>Data sheet</b>	707090
<b>Version</b>	JUMO dTRANS T09 AS, analog output JUMO dTRANS T09 DS, digital output
<b>Format</b>	Cable transmitter
<b>Mounting</b>	In the cable line
<b>Measurement input</b>	RTD temperature probe with Pt100 or Pt1000, four-wire connection
<b>Connection</b>	M12 (on both sides)
<b>Output</b>	Current DC 4 to 20 mA or IO-Link interface
<b>Housing</b>	Stainless steel Protection type: IP66, IP67, and IP69
<b>Special features</b>	Customer-specific configuration possible

## Application areas

Mechanical and plant engineering, control cabinet construction, process industry, chemical industry, industrial furnace construction, pharmaceutical industry, plastics industry, renewable energies, power plant technology, water treatment, heating and cooling industry, food industry