

A Perfect Fit with Simple Mounting

The contact-optimized JUMO plastoSENS T04 plastic temperature probe

JUMO plastoSENS T sensors are coated with plastic in the injection molding process. They offer total design freedom as well as a high level of insulation and vibration resistance. The new contact-optimized JUMO plastoSENS T04 plastic temperature probe can measure the temperature by simply being placed against a pipe.

To measure the temperature, different platinum thin film sensors can be used in a two-wire circuit, depending on the requirements involved. The maximum measurement temperature is 180 °C.

A JUMO plastoSENS T04 temperature probe with protection type IP65 is made entirely from thermally conductive plastic. The material not only ensures a fast response time, it also guarantees reproducible measurements.

A wide range of variants with different diameters ensure that the probes can be optimally adapted to suit the pipe diameter in question – regardless of whether you are dealing with copper, steel, or plastic pipes.

As a further benefit, the device is fastened externally, which means the flow in the pipe remains unchanged. Consequently, the JUMO plastoSENS T04 also enables temperature measurements on small tubes as of 8.0 mm or 3/8". The entire temperature probe installation can be given a seal so as to easily identify any tampering.

The comprehensive accessories, comprising a shielding shell and fastening clip, ensure that the probe can be mounted easily and quickly without the need for additional tools. Environmental influences such as drafts, which could falsify the measurement results, are also minimized.

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Photo to follow

Photo: JUMO

Image caption: The contact-optimized JUMO plastoSENS T04 plastic temperature probe is characterized by fast startup and high-quality measurements.

The JUMO corporate group, with corporate headquarters in Fulda, employs around 2,300 people worldwide and is one of the leading manufacturers in the field of industrial sensor and automation technology. JUMO products are used around the globe in industries such as heating and air conditioning, food and beverage, renewable energies, water and wastewater, and industrial furnace construction. The corporate group encompasses 5 branch offices in Germany, 25 subsidiaries in Germany and abroad, and more than 40 agencies around the world. The company posted a turnover of 234 million euro in 2017.