

# STP300

## Immersion



### STP300

The STP300 is an electronic immersion temperature transmitter that converts a measured temperature into an electronic current signal of 4 ... 20 mA. The STP300 is designed for immersion mounting in pipe systems with a separate pocket/well (see page 18 for ordering information). The pocket/well is sealed, making it easy to replace the transmitter if necessary.

The transmitter is intended for measurement of high and low temperatures. The transmitter is connected with a 2-wire cable, which serves both as power supply and for signal transmission. The reading of the measured signal is done over an external load resistance.

### Specifications

Output	2-wire, 4 ... 20 mA
Range	0 ... 100 °C, 0 ... 160 °C or -50 ... 50 °C (32 ... 212 °F, 32 ... 320 °F or -58 ... 122 °F)
Accuracy	±0.4% of range
Supply	15 ... 36 Vdc

Part number	Model number	Description	Probe length
006920241	STP300-100 0/100	Pipe Temperature Sensor 0 ... 100 °C (32 ... 212 °F)	100 mm (3.94 in.)
006920261	STP300-100 0/160	Pipe Temperature Sensor 0 ... 160 °C (32 ... 320 °F)	100 mm (3.94 in.)
006920221	STP300-100 -50/50	Pipe Temperature Sensor -50 ... 50 °C (-58 ... 122 °F)	100 mm (3.94 in.)
006920301	STP300-200 0/100	Pipe Temperature Sensor 0 ... 100 °C (32 ... 212 °F)	200 mm (7.87 in.)
006920321	STP300-200 0/160	Pipe Temperature Sensor 0 ... 160 °C (32 ... 320 °F)	200 mm (7.87 in.)
006920281	STP300-200 -50/50	Pipe Temperature Sensor -50 ... 50 °C (-58 ... 122 °F)	200 mm (7.87 in.)
006920361	STP300-300 0/100	Pipe Temperature Sensor 0 ... 100 °C (32 ... 212 °F)	300 mm (11.81 in.)
006920381	STP300-300 0/160	Pipe Temperature Sensor 0 ... 160 °C (32 ... 320 °F)	300 mm (11.81 in.)
006920341	STP300-300 -50/50	Pipe Temperature Sensor -50 ... 50 °C (-58 ... 122 °F)	300 mm (11.81 in.)
006920421	STP300-400 0/100	Pipe Temperature Sensor 0 ... 100 °C (32 ... 212 °F)	400 mm (15.75 in.)
006920441	STP300-400 0/160	Pipe Temperature Sensor 0 ... 160 °C (32 ... 320 °F)	400 mm (15.75 in.)
006920401	STP300-400 -50/50	Pipe Temperature Sensor -50 ... 50 °C (-58 ... 122 °F)	400 mm (15.75 in.)