



MODELS

TSA 01

Temperature Sensor TSA01 in Stainless Steel 1.4571.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Supply voltage | 12 -32V DC |
| Output | 4-20mA (2-wire), 0-10V DC (3-wire) |
| Measuring element | Pt 100 class B DIN IEC 751 |
| Accuracy | < ±0,5 % of the temperature range |
| Temperature range | -30°C up to +150°C |
| Supply current | 30 mA |
| Protection | IP 65 |
| Process connection | BSP ½" in stainless steel 1.4571 |
| Electrical connection | Coupler plug DIN 43650, plug M12, or cable |
| Sensor length L | Max. 3000 mm, >3000mm on request |
| Tube | Ø 8 mm, Ø 12 mm in stainless steel 1.4571 |

CHARACTERISTICS

- Electronic temperature sensor in stainless steel 1.4571
- Measuring element: Pt100
- Output: 4-20mA (2-wire), 0-10V DC (3-wire)
- Max. temperature range: -30°C up to +150°C
- Electrical connection: Coupler plug, plug M12 or cable
- Process connection: BSP ½"
- Protection: IP65
- Length of the sensor is variable
- Reasonable prices

AREAS OF APPLICATION

Hydraulics, Pneumatic, Plant construction, Machine construction, Process technology, etc.

TSA 02

Temperature Sensor TSA02 in Stainless Steel.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Supply voltage | 12 -32V DC |
| Output | 4-20mA (2-wire), 0-10V DC (3-wire) |
| Measuring element | Pt 100 class B DIN IEC 751 |
| Accuracy | < ±0,5 % of the temperature range |
| Temperature range | -30°C up to +150°C |
| Supply current | 30 mA |
| Protection | IP 66 |
| Process connection | BSP ½" in stainless steel 1.4571 |
| Electrical connection | Aluminum case: 58 x 64 x 36 mm |
| Sensor length L | Max. 3000 mm, >3000mm on request |
| Tube | Ø 8 mm, Ø 12 mm in stainless steel 1.4571 |

CHARACTERISTICS

- Electronic temperature sensor in stainless steel 1.4571
- Measuring element: Pt100
- Output: 4-20mA (2-wire), 0-10V DC (3-wire)
- Max. temperature range: -30°C up to +150°C
- Protection: IP66
- Length of the sensor is variable
- Reasonable prices

AREAS OF APPLICATION

Hydraulics, Pneumatic, Plant construction, Machine construction, Process technology, Chemical technology, Water treatment etc.

TEMPERATURE

A.3

TEMPERATURE SENSORS TSA

MODEL

TSA 03

Temperature Sensor TSA03 in Stainless Steel for Wall Fastening.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------|------------------------------------|
| Supply voltage | 12 -32V DC |
| Output | 4-20mA (2-wire), 0-10V DC (3-wire) |
| Measuring element | Pt 100 class B DIN IEC 751 |
| Accuracy | < ±0,5 % of the measurement range |
| Temperature range | -30°C up to +150°C |
| Supply current | 30 mA |
| Protection | IP 66 |
| Process connection | BSP ½" in stainless steel 1.4571 |
| Electrical connection | Aluminum case: 64 x 58 x 36 mm |
| Tube | Ø 8 mm in 1.4571, length 25mm |

CHARACTERISTICS

- Measuring element: Pt100
- Output: 4-20mA (2-wire), 0-10V DC (3-wire)
- Max. temperature range: -30°C up to +150°C
- Electrical connection: Aluminum case: 64 x 58 x 36 mm
- Protection: IP66
- Reasonable prices

AREAS OF APPLICATION

Temperature sensors TSA 03 are used for measuring temperatures in refrigerated warehouses, in greenhouses, in production halls and storehouses, outdoor etc.