

TEMPERATURE SENSOR

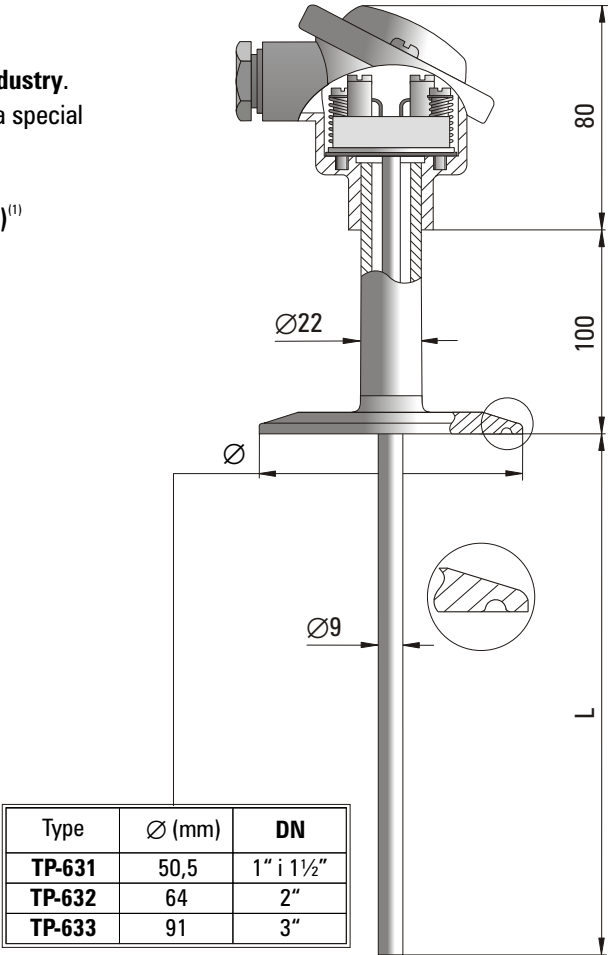
type 631, 632, 633

SPECIFICATION

Application	temperature measurement in pharmaceutical and food industry . The sensor is equipped with a special hygenic leak-proof joint.
Temperature range	0°C... +150°C
Measuring element - insert type TP-701	platinum resistor (Pt100)⁽¹⁾
Assembly	2, 3 or 4 wires
Class of processing element	B ⁽²⁾
Sheath material	steel 1.4541 ⁽²⁾
Roughness of sheath surface	$R_a < 0,8 \mu m^{(2)}$
Connecting head type	B or NA ⁽³⁾
Head operating temperature	-40°C... +100°C
Fitting	acc. ISO 2852
Maximum operating pressure	1,6 MPa
Additional accessories	temperature transmitter silicone sealing ring clamp

⁽¹⁾ Pt500, Pt1000, Ni100, Ni1000 on demand
⁽²⁾ Other parameters according to customer requirements
⁽³⁾ Connection head with protection class IP65 or acid resitant on demand

Sensor length L (mm)	50	100	200
Length of insert TP-701 (mm)	180	230	330



ORDERING CODE

TP — [] — [] — [] — [] — []

Sensor type **631, 632, 633** _____

Single (1) or double (2) measuring element _____

Sensor length L=50, 100 or 200 mm⁽²⁾ _____

Option with the head-mount transmitter T _____

Example for order: TP-632-1-200 sensor with single Pt100 resistor (with measuring insert type TP-701Pt100-1-330) with flange of outer diameter $\varnothing = 64$ mm and length L = 200 mm.
TP-632-1-200-T; TCH-2120-Pt100 sensor with the head-mount transmitter type TCH-2120-Pt100.