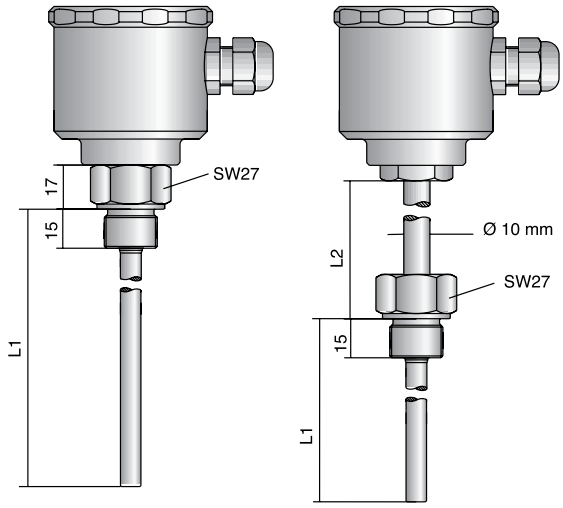
PTA- standard diving sleeve resistance thermometer Pt-100 with and without neck tube

order code

★ = preferred part!



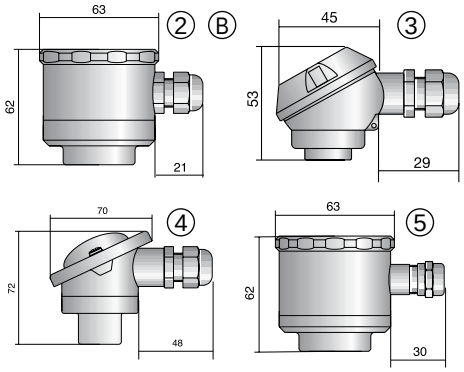
sensor typ
1 1 x Pt-100, 2-wire
2 1 x Pt-100, 3-wire ★
3 1 x Pt-100, 4-wire
4 2 x Pt-100, 2-wire
5 2 x Pt-100, 3-wire
6 1 x Pt-1000, 3-wire
7 3 x Pt-100, 2-wire

precision class -> (info look site 2)
B class B to +300°C ★
A class A to +300°C
C 1/3 DIN to +300°C
D 1/5 DIN to +300°C
S special type e. g. hight temperature version

process connection
1 integral thread G 1/2" ★
2 integral thread G 1"
3 G 3/8 „
F DIN flange DN 50
E DIN flange DN 25 PTFE-coating
S special type

material / measure element diameter / process side
T 1.4571 / 3mm
U 1.4571 / 5mm
K 1.4571 / 6mm
N 1.4571/ 8mm ★
L 1.4571 / 10mm
W 1.4571 / 12mm
P 1.4571 / 6mm, reduce tip 4mm; 40mm long
M 1.4571 / 8mm, reduce tip 5mm; 40mm long
O 1.4571 / 10mm, reduce tip 6mm; 40mm long
R 1.4571 / 8mm, reduce tip 3mm; 40mm long
S other

connection head
Attention!
measuring range of connection head
with aluminium head 130°C
with plastic head 100°C
at action of
head transmitter - 10 °C to + 70°C
at higher process temperature
absolutely use neck tube



neck tube
A without neck tube ★
B with neck tube (standard L2 =100mm) ★
S with neck tube after choose in mm

connection head
B PP-head big
2 plastic head Delrin big ★
3 aluminium head small
4 alumninium head big
5 steel head big
8 PTFE-head big
S special type

measuring insert
F solid assembled ★
W exchangeable

kind of connection
K with clamp socket ★
M head transmitter 4-20mA with fix value ★
X head transmitter UTN-500 softwareprogrammable
T head transmitter PTN-600 PROFIBUS PA-interface
D with wire ends for to the own mounting of head transmitter
V 5-pole M12-plug
S special type

M } measuring transducer
X } only at connection head
T } "big" possible!
D }

lenght L1 PT100in mm (preferred lenght 50 / 100 / 150mm)

lenght L2 neck tube in mm (preferred lenght 100mm)

PTA	-									____ mm	____ mm

preferred part: **L1 PT 100 lenght** **L2 neck tube**

PTA	-	2	B	1	N	?	2	F	?	preferred lenght 50 / 100 / 150 mm	100 mm

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