

Щупы температуры РТ100, Р1740, Р1750, Р1760, Р1730, Р1762, Р1780, Р1790, Р1792

Технические характеристики

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BOLA Double Temperature Probes PT 100 Lemo® Compact

Material: PTFE Temperature resistance: from -200°C to +250°C Chemical resistance: +++ universal Temperature range: from -50°C to +250°C



FDA conform



Product description:

Two independent measuring sensors PT 100 in one PTFE-encapsulated stainless steel tube (1.4571). Collar ring Ø 12 mm. Connection by two couplings (type Lemo®, socket size 1, 4-wire system) fixed directly at the end of the probe.

Typical response times:

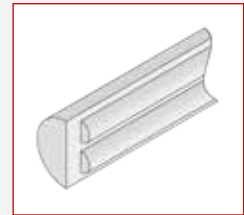
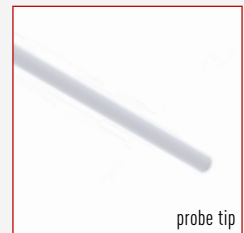
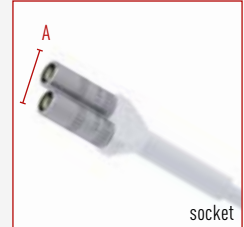
- » T 50: 20 - 24 s
- » T 90: 30 s

See page 352 for detailed explanation.

Usable length mm	Probe dia. mm	Total length mm	Number of sensors	Width of coupling A mm ca.	Cat. No.:
300	8	400	2x PT 100	27	P 1740-20
400	8	500	2x PT 100	27	P 1740-23
500	8	600	2x PT 100	27	P 1740-30
300	6	400	2x PT 100	27	P 1740-40

Applications:

- » parallel temperature measurement in aggressive liquids
- » double safety due to redundant systems
- » control function due to two independent measuring sensors
- » suitable for simultaneous temperature measurement and safety circuit as per the specifications of the standard DIN EN 61010-2-010 but only one NS/GL socket will be occupied, separately switched sensors.
- » ideal for built-in measurement cables
- » identical versions also available in static dissipative PTFE-EX (see page 159)



#SUITABLE page 126
Swivelling screw fittings

BOLA INNOVATION



#1 Double Temperature Probes Lemo® Compact

Two PT 100 elements in one PTFE-encapsulated stainless steel tube combine several functions: for example measuring temperature in aggressive liquids or making measurements in safety circuit.



BOLA Temperature Probes PT 100

Material: PTFE Temperature resistance: from -200°C to +250°C Chemical resistance: +++ universal Temperature range: from -50°C to +250°C

FDA conform



Product description:

One measuring sensor PT 100 in a PTFE-encapsulated stainless steel tube (1.471).
Temperature probe Ø 8mm, tip Ø 6mm, collar ring Ø 12mm. With white PFA-coated cable
(length: 1,5m, 4 strands).

Typical response times:

» T 50: 7 - 12 s

» T 90: 14 - 16 s

See page 352 for detailed explanation.

Usable length mm	Total length mm	Connector	Cat. No.:
100	135	strands, 4-wire-system	P 1750-10
200	240	strands, 4-wire-system	P 1750-15
300	340	strands, 4-wire-system	P 1750-20
500	560	strands, 4-wire-system	P 1750-25
600	660	strands, 4-wire-system	P 1750-30

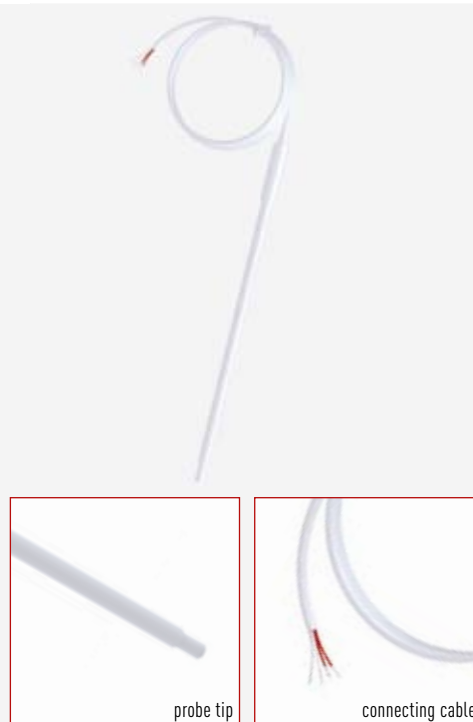
Applications:

- » temperature measurement in aggressive liqu
- » cable provides flexible connection from measuring device to medium



#SUITABLE page 34

Slip-on Baffles to transform
temperature probes to baffles.



probe tip

connecting cable

BOLA Temperature Probes PT 100 Lemo®

Material: PTFE Temperature resistance: from -200°C to +250°C Chemical resistance: +++ universal Temperature range: from -50°C to +250°C

FDA conform



Product description:

One measuring sensor PT 100 in a PTFE-encapsulated stainless steel tube (1.471).
Temperature probe Ø 8mm, tip Ø 6mm, collar ring Ø 12mm. With white PFA-coated cable
(length: 1,5m) and coupling (type Lemo® socket size 1, 4-wire-system).

Typical response times:

» T 50: 7 - 12 s

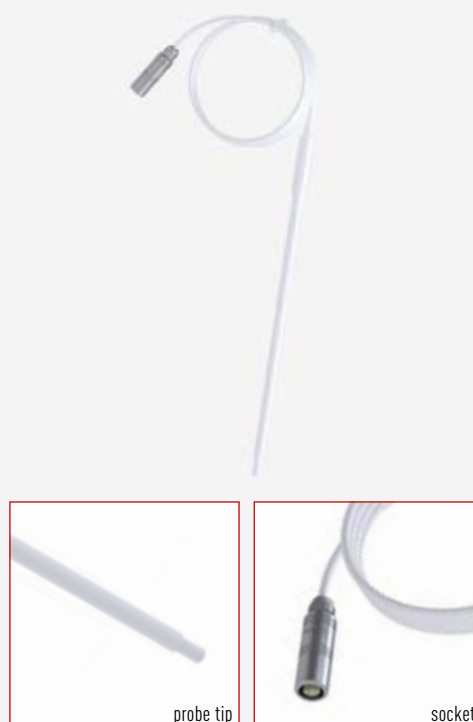
» T 90: 14 - 16 s

See page 352 for detailed explanation.

Usable length mm	Total length mm	Connector	Cat. No.:
100	135	socket, 4-wire-system	P 1760-10
200	240	socket, 4-wire-system	P 1760-15
300	340	socket, 4-wire-system	P 1760-20
500	560	socket, 4-wire-system	P 1760-25
600	660	socket, 4-wire-system	P 1760-30

Applications:

- » temperature measurement in aggressive liquids
- » cable provides flexible connection from measuring device to medium



probe tip

socket



BOLA Temperature Probes PT 100 Lemo® Compact

Material: PTFE Temperature resistance: from -200°C to +250°C Chemical resistance: +++ universal Temperature range: from -50°C to +250°C



FDA conform



Product description:

One measuring sensor PT 100 in a PTFE-encapsulated stainless steel tube (1.4571). Temperature probe Ø 8 mm, tip Ø 6 mm, collar ring Ø 12 mm. Connection by a coupling (type Lemo®, socket size 1, 4-wire system) fixed directly at the end of the probe.

Typical response times:

- » T 50: 7 - 12 s
- » T 90: 14 - 16 s

See page 352 for detailed explanation.

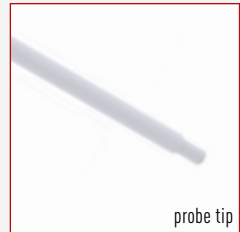
Usable length mm	Total length mm	Connector	Cat. No.:
100	170	socket, 4-wire-system	P 1730-10
300	370	socket, 4-wire-system	P 1730-20
400	470	socket, 4-wire-system	P 1730-23
500	570	socket, 4-wire-system	P 1730-25

Applications:

- » temperature measurement in aggressive liquids
- » ideal for built-in measurement cables
- » identical versions also available in static dissipative PTFE-EX (see page 159)



socket



probe tip



#SUITABLE page 126
Swivelling screw fittings

BOLA INNOVATION



#1 Temperature Probes Lemo® Compact

Many measuring sensors are connected directly to the cable. The Lemo® connector of BOLA Temperature Probes Compact is connected to the sensor so that the temperature probe can be exchanged easily.



BOLA **Temperature Probes PT 100 Lemo®**

Material: **PTFE** Temperature resistance: **from -200°C to +250°C** Chemical resistance: **+++ universal** Temperature range: **from -50°C to +250°C**



FDA conform



Product description:

One measuring sensor PT 100 in a PTFE encapsulated stainless steel tube (1.4571).
Temperature probe Ø 8 mm, tip Ø 6 mm, collar ring Ø 12 mm. With white PFA-coated cable
(length: 1,5 m) and mounted Lemo® plug size 1, 4-wire system.

Typical response times:

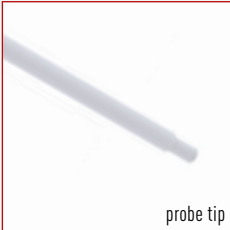
- » T 50: 7 - 12 s
- » T 90: 14 - 16 s

See page 352 for detailed explanation.

Usable length mm	Total length mm	Connector	Cat. No.:
100	135	plug, 4-wire-system	P 1762-10
200	240	plug, 4-wire-system	P 1762-15
300	340	plug, 4-wire-system	P 1762-20
500	560	plug, 4-wire-system	P 1762-25
600	660	plug, 4-wire-system	P 1762-30

Applications:

- » temperature measurement in aggressive liquids
- » cable provides flexible connection from measuring device to medium



probe tip



plug



BOLA **Total Immersion Probes PT 100**

Material: **PTFE** Temperature resistance: **from -200°C to +250°C** Chemical resistance: **+++ universal** Temperature range: **from -50°C to +250°C**



Product description:
Total immersion probe (class A, PT 100), with white PFA-coated cable length: 4 m, (4-wire) and collar ring Ø 5 mm.

Typical response times:
» T 50: 4 - 6 s
» T 90: 6 - 8 s
See page 352 for detailed explanation.

Usable length mm	Probe dia. mm	Connector	Cat. No.:
50	4	strands, 4-wire-system	P 1780-20

Applications:
» e.g. for measuring temperatures in autoclaves
» can be immersed totally into the liquid



#SUITABLE page 90
Laboratory screw joints



BOLA **Total Immersion Probes PT 100 Lemo®**

Material: **PTFE** Temperature resistance: **from -200°C to +250°C** Chemical resistance: **+++ universal** Temperature range: **from -50°C to +250°C**



Product description:
Total immersion probe (class A, PT 100), with white PFA-coated cable (length: 4 m), coupling (type Lemo®, socket size 1, 4-wire) and collar ring Ø 5 mm.

Typical response times:
» T 50: 4 - 6 s
» T 90: 6 - 8 s
See page 352 for detailed explanation.

Usable length mm	Probe dia. mm	Connector	Cat. No.:
50	4	socket, 4-wire-system	P 1790-20

Applications:
» e.g. for measuring temperatures in autoclaves
» can be immersed totally into the liquid



BOLA **Total Immersion Probes PT 100 Lemo®**

Material: **PTFE** Temperature resistance: **from -200°C to +250°C** Chemical resistance: **+++ universal** Temperature range: **from -50°C to +250°C**



Product description:
Total immersion probe (class A, PT 100), with white PFA-coated cable (length: 4 m), coupling (type Lemo®, plug size 1, 4-wire) and collar ring Ø 5 mm.

Typical response times:
» T 50: 4 - 6 s
» T 90: 6 - 8 s
See page 352 for detailed explanation.

Usable length mm	Probe dia. mm	Connector	Cat. No.:
50	4	plug, 4-wire-system	P 1792-20

Applications:
» e.g. for measuring temperatures in autoclaves
» can be immersed totally into the liquid





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