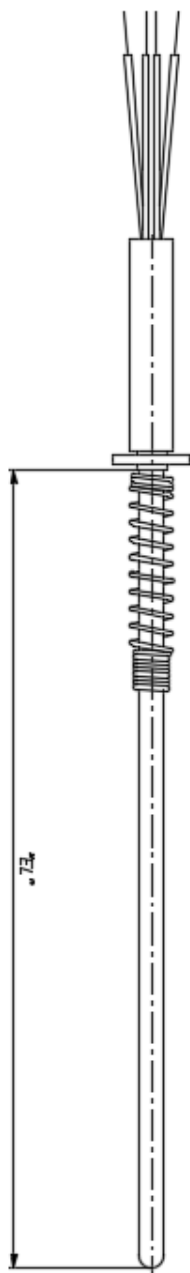


PT100 INSERTS

Sensors for approved Ex db assemblies



Specifications:

Series	: RTD-70.000
Probe type	: sheathed construction
Temperature range	: -50 °C to +300 °C
Element type	: Pt 100, single or duplex (only 3-wire)
Resistance values and tolerances	: IEC 60751, class B
Nominal resistance	: 100 Ohm at 0 °C
Recommended max. current	: 10 mA
Min. insulation resistance	: 100 MΩ at ambient temp. with 100 V DC
Wiring system	: 2-, 3- or 4-wires
Max. springloading	: 30 mm
Sheath material	: SS 316 (Wst.nr. 1.4401)
Probe diameter	: 6,0 mm / 6,4mm

These items fit special Ex db temperature sensors series XPS-30.000
Other ranges and/or classes for Pt100's are available on request.

Ordering code:

Wire system

2-wire
3-wire
4-wire

Single

'EL'

RTD-73602- Pt100 -□ mm
RTD-73603- Pt100 -□ mm
RTD-73604- Pt100 -□ mm

Duplex

'EL'

RTD-74604- Pt100-□ mm
RTD-74606- Pt100-□ mm

□ = probe length 'EL' in mm (to be specified)