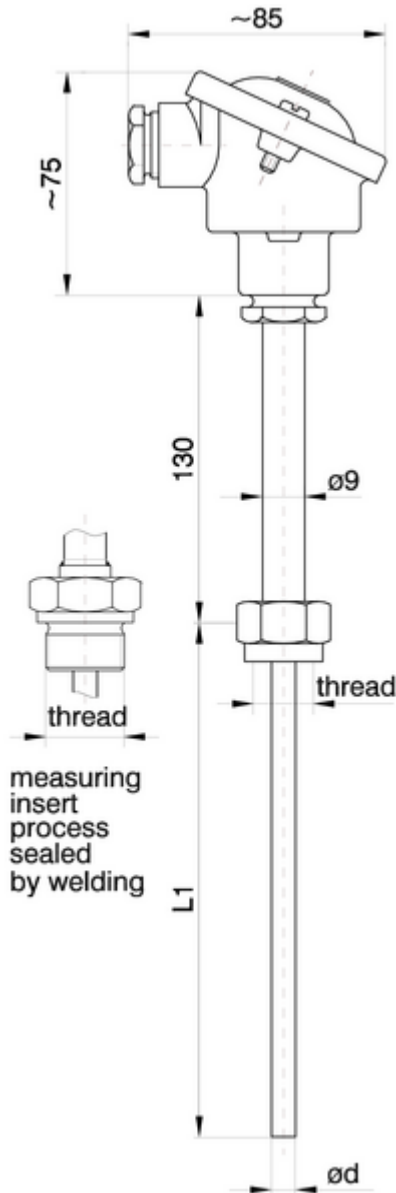


Thermocouples
Thermocouple with explosion proof
Model series 270



Sheathed Thermocouple for screwing;
measuring insert process sealed by welding
Attention: Bending radius of the sheath material $>5x \varnothing d$

Construction

Basic implementation
Ex-implementation (intrinsically safe)

Connection head

Form B according DIN 43 729
Form BUZ for explosion-proof design according DIN 43 729
on inquiry

Protection classification

IP 54 according DIN 60529
on inquiry

Application temperature

-200 to +1000°C

Number of Thermo junction

1 thermocouple
2 thermocouples

Sheath diameter

1,5 mm
2,0 mm
3,0 mm
4,5 mm
6,0 mm
on inquiry

Sheath material

1.4541
1.4571
1.4841
on inquiry

Measuring point design

insulated of sheath
welded in sheath
disconnected bead at 2 thermocouples
connected bead at 2 thermocouples

Insert length L1

on inquiry

Process connection

outside thread
cup nut

Thread

M20x1,5

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G1/2A
on inquiry