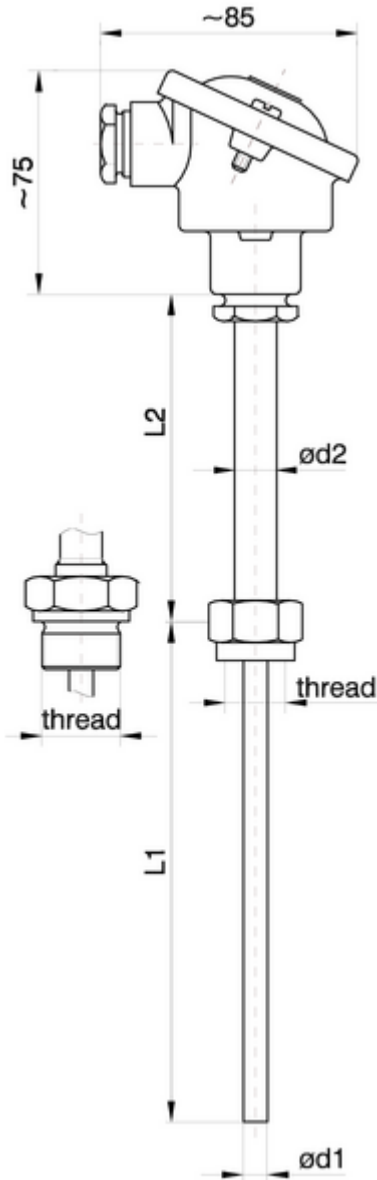


Resistance thermometers  
Resistance thermometers with explosion proof  
Model series 348



Resistance thermometer with exchangeable measuring insert, especially for combination with built-in protection tubes (otherwise no insulation between process-connection and interior connection head)

For observance: with directly built-in (without additional protective tube) can become the measuring insert in the neck tube soldered or welded (insulation between process connection and interior connection head, in this case the measuring insert is not exchangeable) - please declare with the order!

#### Construction

Basic implementation

Ex-implementation (intrinsically safe / build in protective tube necessary)

#### 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 +600°C  
-50 to +400°C  
on inquiry

#### Temperature sensor

1xPt 100 cl. F0,15 or W0,15 acc. to DIN EN 60751  
1xPt 100 cl. F0,3 or W0,3 acc. to DIN EN 60751  
2xPt 100 cl. F0,15 or W0,15 acc. to DIN EN 60751  
2xPt 100 cl. F0,3 or W0,3 acc. to DIN EN 60751  
on inquiry

#### Circuitry

2 wire circuit  
3 wire circuit  
4 wire circuit

#### Protective tube material

1.4571  
on inquiry

#### Measuring insert diameter d1/ Extension tube diameter d2

6/9  
6/11  
8/12

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on inquiry

**Insert length L1**

on inquiry

**Extension tube length L2**

130 mm

on inquiry

**Process connection**

outside thread

cup nut

**Thread**

M18x1,5

M20x1,5

M27x2

G1/2

G3/4

on inquiry