

DATASHEET



Pipe clip-on probe for temperature measuring

Description



Features

- Easy to fix and assemble
- The easy installation reduces the costs
- Compact housing
- Quick response time
- Available for Ø16...19 mm, Ø20...22 mm, Ø25...27 mm, Ø28...35 mm

Areas of application

- Hot water boilers
- Compressors
- Heat exchangers
- Heat pumps
- Heating systems
- Air conditioning systems
- Cooling systems

Technical data

Pipe clip-on probe		
Measuring range	-20...+120 °C	
Sensors	NTC 12 kΩ, NTC 10 kΩ, Pt100 oder Pt1000	
Accuracy	NTC 12 kΩ	±1,8 °C at 0...100 °C
	NTC 10 kΩ	±0,2 °C at 0...+70 °C
	Pt100/ Pt1000	Class F 0,3 (Class B) DIN EN 60751
Response time T63	<20 s	
Electrical connection	Molex Minifit JR 5566-02A	
Material pipeclip	Stainless steel 1.4310	
Material housing	Polyamid PA6	
Dimensions	Housing (LxWxH) 14,2x14,6x10 mm	
Springclip	For different diameters, see order numbers	
Article no.	0627 6113*, see order numbers	

Characteristics

The newly developed B+B pipe clip-on probe is most suitable for indirectly measuring the temperature of fluids such as water, running through the pipes. This clip-on system is quick, easy and exact and saves you the hidden costs of installation and service charges. The essential characteristic of this probe is the simple thoughtful design.

By using high quality materials its construction allows a very fast response time and accurate measurement.

The clip-on probe is available with the sensor Pt100, Pt1000, NTC 10 kΩ or NTC 12 kΩ and for pipe diameters of Ø16...19 mm, Ø20...22 mm, Ø25...27 mm, Ø28...35 mm.

It is also possible for you to choose another sensor for your own specification. Simply send us your inquiry.

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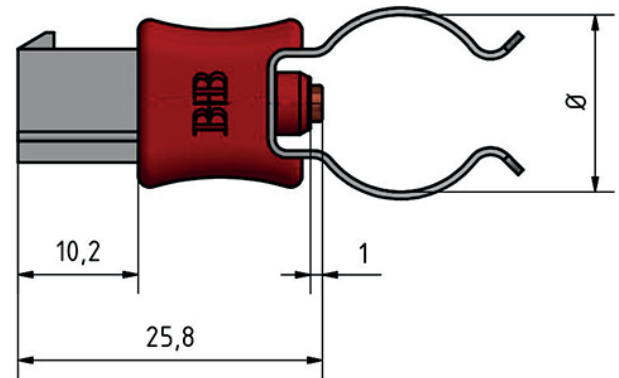


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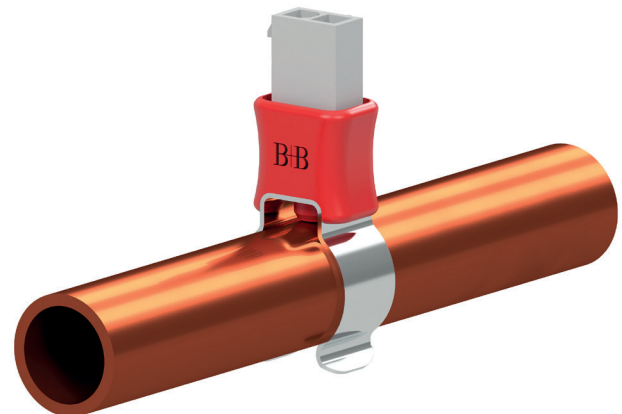
Order numbers

Sensor	Springclip	Article no.
NTC 12 k Ω	For $\varnothing$ 16...19 mm	0627 6113
NTC 12 k Ω	For $\varnothing$ 20...22 mm	0627 6113-01
NTC 12 k Ω	For $\varnothing$ 25...27 mm	0627 6113-02
NTC 12 k Ω	For $\varnothing$ 28...35 mm	0627 6113-03
NTC 10 k Ω	For $\varnothing$ 16...19 mm	0627 6113-04
NTC 10 k Ω	For $\varnothing$ 20...22 mm	0627 6113-05
NTC 10 k Ω	For $\varnothing$ 25...27 mm	0627 6113-06
NTC 10 k Ω	For $\varnothing$ 28...35 mm	0627 6113-07
Pt100	For $\varnothing$ 16...19 mm	0627 6113-08
Pt100	For $\varnothing$ 20...22 mm	0627 6113-09
Pt100	For $\varnothing$ 25...27 mm	0627 6113-10
Pt100	For $\varnothing$ 28...35 mm	0627 6113-11
Pt1000	For $\varnothing$ 16...19 mm	0627 6113-12
Pt1000	For $\varnothing$ 20...22 mm	0627 6113-13
Pt1000	For $\varnothing$ 25...27 mm	0627 6113-14
Pt1000	For $\varnothing$ 28...35 mm	0627 6113-15

Dimensions



Application example



Accessories

Article	Article no.
Extension cable for B+B pipe clip-on probe incl. counter plug, with 30 mm free open ends, wire ends uninsulated, length 2 m, other lengths on request	0409 0312-21
Grey copper cable PVC/PVC Outer diameter 3,7 $\pm$ 0,1 mm Conductor construction 2x 0,25 mm ² , yard goods	0230 0190-10
Molex-counter plug 39-01-2020 and 2x Molex-contacts, 39-00-0046	0220 0431 2x 0220 0431-10