



BF1/T

Bayonet thermocouple with 120° measuring peak

Measuring size: temperature

Output: Type J, K, L

Highlights: 120° measuring peak, Bayonet cap: Ø 12 or 14 mm



Description

The BF1/T thermocouple with bayonet cap and 120° peak measures the temperature in the range of -30 up to +400°C in gasiform medium and is available as type J, K, L. The thermocouple can be mounted fast and easy by bayonet cap. The stainless steel pressure spring enables the adjustment of the installation length by rotating the bayonet cap, assures a constant contact pressure and is for bend protection.

Technical Specifications

Measurement range temp.	-30...+400°C
Thermocouple	type J (Fe-CuNi), K (NiCr-Ni), L (Fe-CuNi) according to DIN EN 60584, IEC 584
Accuracy	class 1 ($\pm 1,5$ K up to 375°C, else $0,004 * t $)
Electrical connection	stripped ends with ferrules
Cable	glass fibre/stainless steel netting (2x0,22 mm ² , max. +400°C) with core cable ends in different lengths
Material	Probe head: stainless steel VA 1.4541
Dimensions	Bayonet peak: Ø 6 or 8 mm, Measuring point: 120°, Bayonet cap: Ø 12 or 14 mm
Protection type	IP54
Storage temperature	-20...+70°C
Installation	bayonet cap
Approvals	CE, EAC, RoHS



Variants

Article Number			
Thermocouple	Bayonet peak	Bayonet cap	Cable
BF1/T-J/6.0/12-2			
type J	6 mm pointed 120°	12 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-J/6.0/12-5			
type J	6 mm pointed 120°	12 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-J/8.0/14-2			
type J	8 mm pointed 120°	14 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-J/8.0/14-5			
type J	8 mm pointed 120°	14 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-K/6.0/12-2			
type K	6 mm pointed 120°	12 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-K/6.0/12-5			
type K	6 mm pointed 120°	12 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-K/8.0/14-2			
type K	8 mm pointed 120°	14 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-K/8.0/14-5			
type K	8 mm pointed 120°	14 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-L/6.0/12-2			
type L	6 mm pointed 120°	12 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-L/6.0/12-5			
type L	6 mm pointed 120°	12 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-L/8.0/14-2			
type L	8 mm pointed 120°	14 mm	2 m glass fibre/stainless steel netting (2x0,22 mm ²)
BF1/T-L/8.0/14-5			



type L	8 mm pointed 120°	14 mm	5 m glass fibre/stainless steel netting (2x0,22 mm ²)
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Accessories



BNE
Bayonet nipple



Dimensional Drawing

