

The selection is detailed on page 4



BX5

Cooling Element

Cooling Tower

Product application

Used to reduce the medium temperature measured by threaded pressure instruments

Functional characteristics

Medium temperature up to 200 °C

Working pressure up to 60 MPa

Threaded G ½ B (EN 837)

Product description

When the temperature of the medium exceeds the allowable temperature range of the pressure instrument, the cooling element can be selected.

Through the air circulation and heat exchange of the cooling element, the temperature of the medium is reduced to the working temperature range allowed by the pressure instrument, and the measurement error caused by temperature factors is effectively reduced.

When the ambient temperature is higher than the temperature of the medium, the cooling element can also be used to heat the medium.



Maximum and medium temperatures and connections

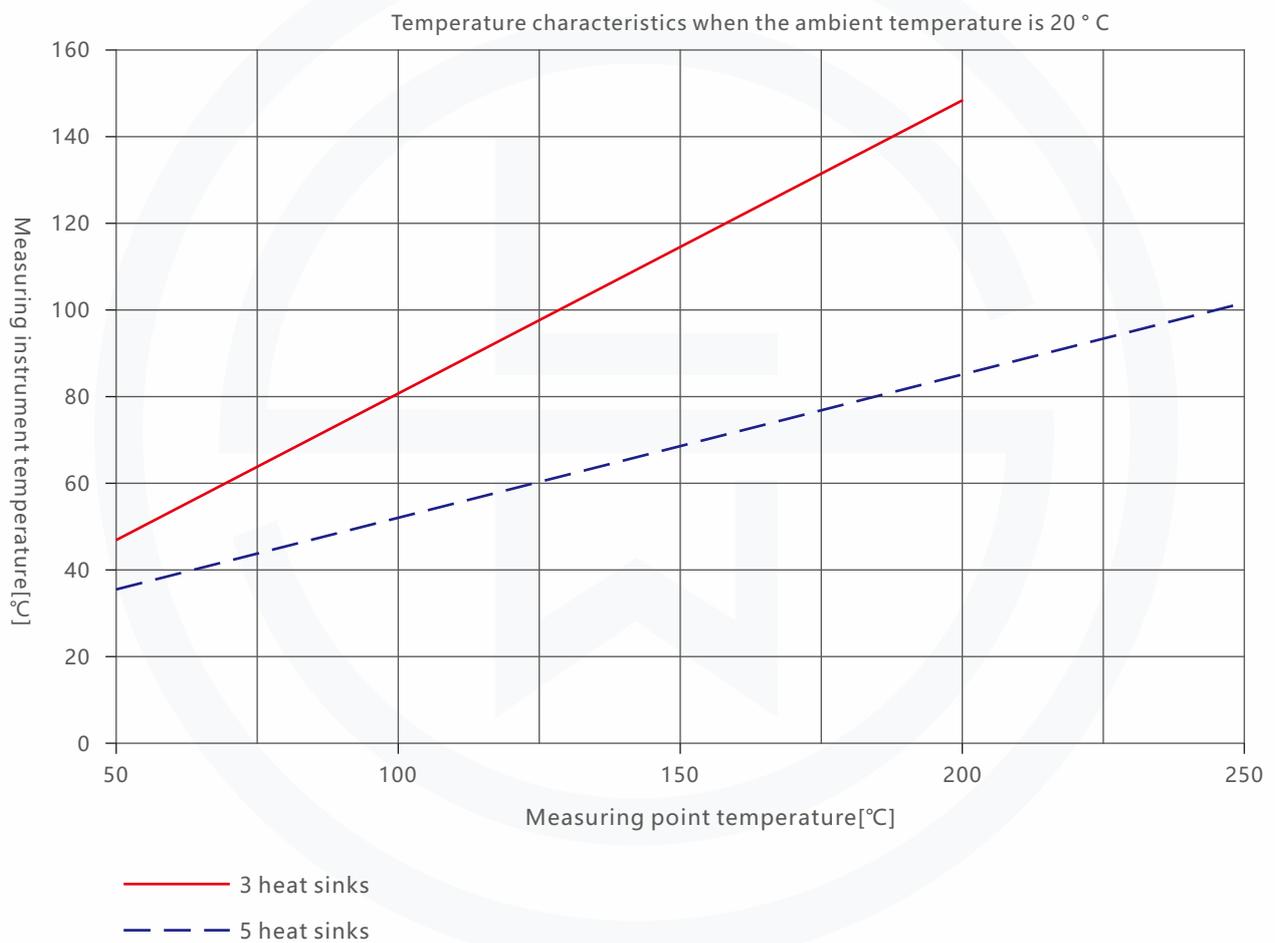
Optional version		
Maximum and medium temperature	procedure linkage	Measuring instrument connection
150°C (3 fins)	G1/2B (EN 837)	G1/2B nut (EN 837)
200°C (5 fins)	G1/2B (EN 837)	G1/2B nut (EN 837)

Provide other connections as required.

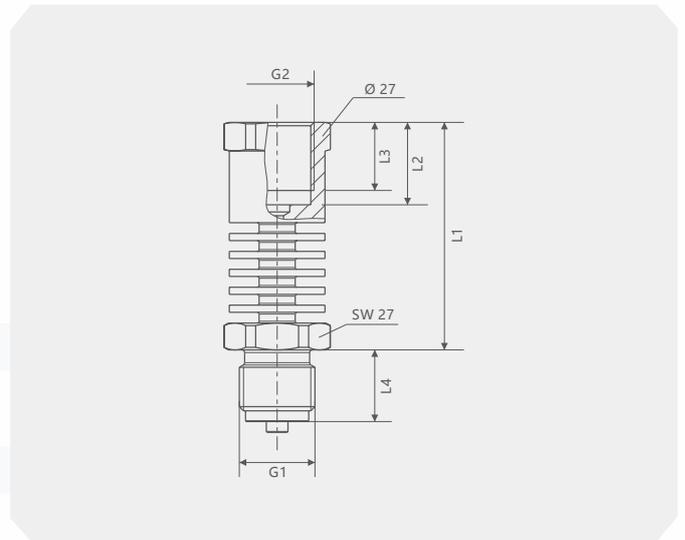
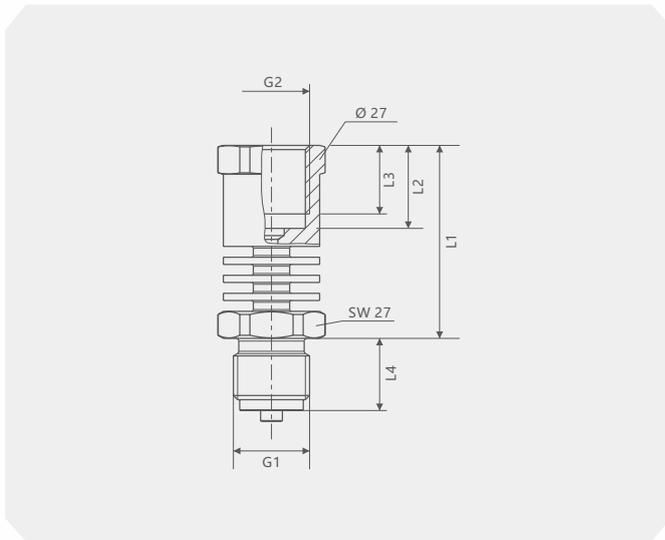
Maximum load

600bar

Characteristic curve



Size mm



G1	G2	L1	L2	L3	L4
G1/2 B (EN837)	G1/2 B nut EN837)	53.5	23	19	20

G1	G2	L1	L2	L3	L4
G1/2 B (EN837)	G1/2 B nut (EN837)	63.5	23	19	20

BX5-Selection composition

Selection example **BX5** H U V

1 2 3

1.Meter connection specification	A	1 NPT
	B	1/2NPT
	C	1/4NPT
	D	M14*1.5
	E	M20*1.5
	F	M27*2
	G	G 1
	H	G1/2
	I	G1/4
	T ()	Other connection specifications
2.Field connection specification	N	1 NPT
	O	1/2NPT
	P	1/4NPT
	Q	M14*1.5
	R	M20*1.5
	S	M27*2
	T	G 1
	U	G1/2
	V	G1/4
	T ()	Other connection specifications
3.Material	X	Carbon steel
	V	304SS
	Z	316L
	T ()	Other materials

Instructions:

It indicates that the BX5 cooling tower is connected to the instrument with the specification of G1/2, and the field connection specification is G1/2, and the material is 304 stainless steel.

Product Certification

Compliance and approval; Rodewieg pressure meets key standards and certifications for process measurement technology; Thus guaranteeing the highest reliability in such Settings;