

EMCO+ Bimetal Thermometers with Adjustable Angle Type SBB20

Principle

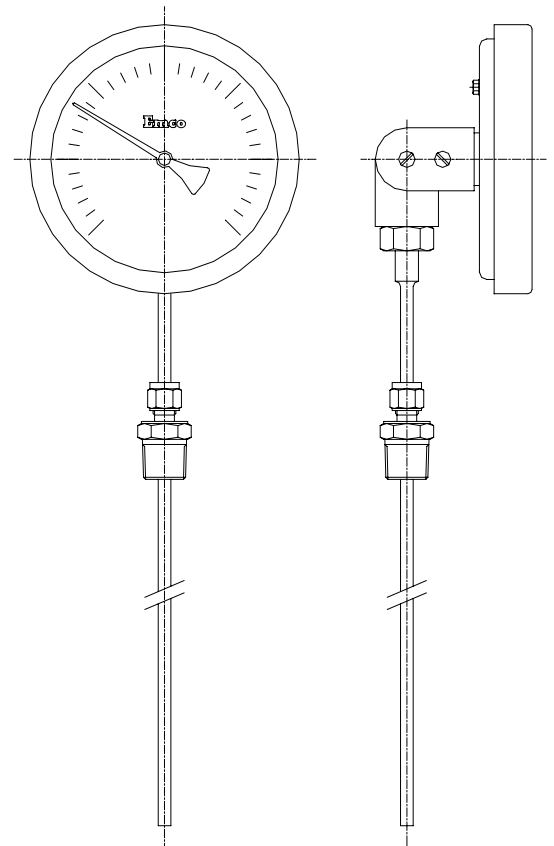
The EMCO+ bimetal thermometers indicates the temperature of the process locally.

Construction

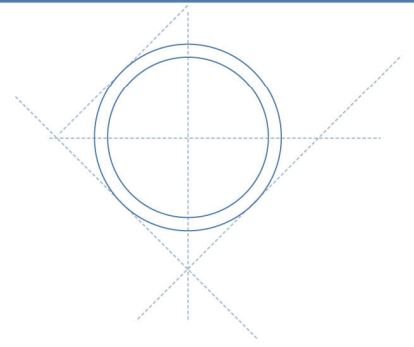
The temperature sensitive element is a bi-metal coil which rotates by increasing temperature due to the difference in the thermal expansion of 2 metals.

Technical Data

Accuracy	: +/- 1 % of full scale
Dial size	: 100, 125, 160 mm (4", 5", 6")
Case	: Stainless steel
Ring	: Stainless steel
Window	: Laminated safety glass
Option	: 3.5 mm heavy duty glass or plastic
Gasket	: Neoprene rubber
Dial material	: Externally adjustable
graphic	: Stainless steel Option : aluminium
	: white with black printing
Pointer	: Not adjustable, optional adjustable
Material	: Aluminium with black finish
Stem	: Stainless steel
Stem diameter	: 6, 8 mm (1/4", 3/8")
Stem lengths (S)	: 100 mm - 610 mm (4" - 24") lengths over 610 mm on request
Connection	: 1/2" NPT, M18 x 1,5 mm, option bare stem



0-10-008-1e



Temperature ranges

-50 - +50 °C
-10 - +50°C
-20 - +120°C
0 - 50°C
0 - 100°C
0 - 150°C
0 - 200°C
0 - 400°C
0 - 600°C

-80 - +100 °F
-50 - +150°F
-40 - 120°F
0 - 200°F
0 - 250°F
20 - 240°F
50 - 300°F
50 - 400°F
50 - 600°F
80 - 800°F

Other ranges on request.

Thermowells : It is recommended to use thermowells when the stem is exposed to corrosive or high velocity fluids, and in pressurised processes where instrument inter changeability or calibration without disturbing the process is required.

EMCO thermowells can be chosen from a variety of executions to meet the requirements.