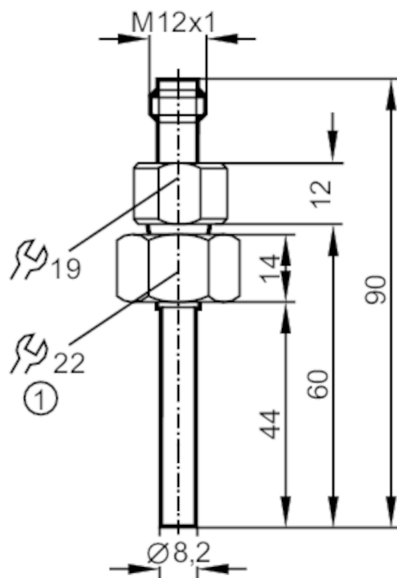


TM-045-BEM18

/US



CE 

Measuring range	-40...125 °C	-40...257 °F
Process connection	threaded connection M18 x 1,5 internal thread	
Installation length EL	[mm]	60

Special feature		Gold-plated contacts
Measuring element		1 x Pt 1000; (to DIN EN 60751, class B)
Media		liquids and gases
Pressure rating	[bar]	300
Minimum installation depth	[mm]	15

Protection class	III
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Probe length L	[mm]	44
Measuring range		-40...125 °C -40...257 °F

Accuracy	[K]	$\pm (0,30 \text{ K} + 0,005 \times t)$
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Dynamic response T05 / T09	[s]	1 / 3; (to DIN EN 60751)
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Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...100
Protection		IP 68; IP 69K

MTTF	[years]	22831
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TM9550



Temperature sensor with process connection

TM-045-BEM18 /US

Mechanical data		
Weight	[g]	81.5
Materials		stainless steel (316L/1.4404)
Materials (wetted parts)		stainless steel (316L/1.4404)
Process connection		threaded connection M18 x 1,5 internal thread
Probe diameter	[mm]	8.2
Installation length EL	[mm]	60

Remarks		
Remarks		operating voltage "supply class 2" according to cULus
		The values for accuracy apply to flowing water.
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

