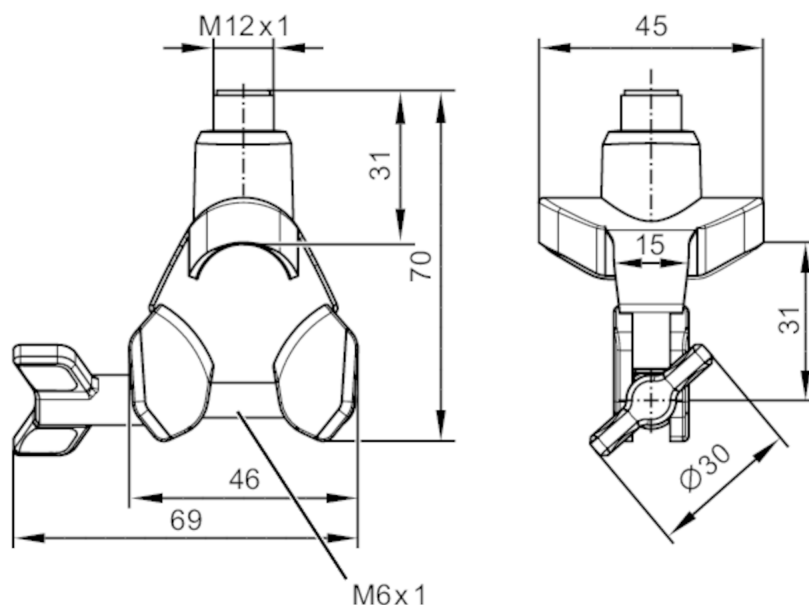


Passiver Oberflächen-Temperaturfühler

TSM020K2PCXX/US/



Product characteristics

Measuring range	-25...160 °C	-13...320 °F
Process connection	bolt-on sensor DN20 (Ø 21...24 mm)	

Application

Special feature	Gold-plated contacts	
Measuring element	1 x Pt 1000; (to DIN EN 60751, class A)	
Installation	Passiver Oberflächen-Temperaturfühler für feste Körper; clamp-on solution	

Electrical data

Protection class	III	
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Measuring/setting range

Measuring range	-25...160 °C	-13...320 °F
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Accuracy / deviations

Accuracy	[K]	0,25 ± (0,15 K + 0,002 x T); (ambient temperature influence on the accuracy: 0,02 x (Ta - T))
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Response times

Dynamic response T05 / T09	[s]	7,5 / 25; (reference values for moving water : (> 0,4 m/s))
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Operating conditions

Protection	IP 69K	
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Mechanical data

Weight	[g]	0.001
Housing	bolt-on sensor	
Dimensions	[mm]	70 x 69 x 45
Materials	Mounting clamp: stainless steel (316L/1.4404); housing: PPSU; Gasket: FKM	
Process connection	bolt-on sensor DN20 (Ø 21...24 mm)	

TSM301



Passiver Oberflächen-Temperaturfühler

TSM020K2PCXX/US/

Remarks

Remarks	Ta = Ambient temperature
	T = Process temperature
Pack quantity	1 pcs.

Electrical connection

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



Connection

