

TEMPERATURE CONTROLLER

Compact model with 2 switching points



Temperature monitoring of fluids

Display -40 °C...+120 °C / -40 °F...+248 °F

Programmable switching points

Hysteresis or window-function

NC/NO programmable

Time delay function

MIN- /MAX- memory function

Rotable display

Switch-over °C - °F



Design	DC • G1/2 • L= 31 mm		DC • G1/2 • L= 48 mm
Dimensions			
Detection range	-40...+120 °C (-40...+248 °F)		
Output	2x		
ID-No.	P71017		P71018
Type	TN 552 GPP		TN 552/1 GPP
Supply voltage	24 DC ±10%		
Current consumption	<100		
Voltage drop	<2.5		
Switching output	2x PNP, 200 mA		
Ambient temperature	-20...+60		
Medium temperature	-40...+120		
Response time	typ. 10		
Resolution display	0.1 / 0.5		
Range limit values	-39...+120 / -39...248		(0.5 / 1 Step)
Range hysteresis	0.5...99 / 1...179		(0.5 / 1 Step)
Range window	0.5...99 / 1...179		(0.5 / 1 Step)
Time delay	0...50		(0.5 / 1 Step)
Compressive strength	100		
Sensor material	AISI 316 Ti		
Housing material	PBT		
Protection	IP 65		
Connection	M12 connector		
Accessories	see page 7.05		

