

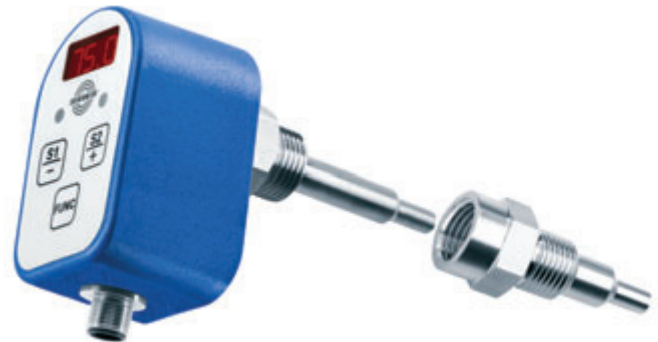


Two switching points and analog output

Exchangeable during ongoing operations through use of threaded sleeve

Measuring range $-40...+120\text{ }^{\circ}\text{C}$

Hysteresis and temperature window easily programmable



Design	DC • G1/2		AC • G1/2
Dimensions			
Detection range	$^{\circ}\text{C}$		
Output	$-40...+120$		
	2 x PNP NC / NO	+ 4...20 mA	2 x NC / NO, progr.
ID-No.	P71021	P71022	P71023
Type	TN 553/1 GPP	TN 553/1 GAPP	TN 553/1 WP
Supply voltage	[V]	24 DC $\pm 10\%$	230 AC $\pm 10\%$
Current consumption	[mA]	60	20
Voltage drop	[V]	< 2.5	< 10
Ambient temperature	$^{\circ}\text{C}$	$-20...+60$	
Medium temperature	$^{\circ}\text{C}$	$-40...+120$	
Response time	[s]	typ. 10...30	
Resolution display	$^{\circ}\text{C}$	0.1	
Range limit values	$^{\circ}\text{C}$	$-39...+120$	(0.5 / 1 Step)
Range hysteresis	$^{\circ}\text{C}$	0.5...99	(0.5 / 1 Step)
Range window	$^{\circ}\text{C}$	0.5...99	(0.5 / 1 Step)
Time delay	[s]	0...50	(0.5 / 1 Step)
Programmable functions	two switching points, hysteresis / window, switching output NC / NO, MIN- / MAX- memory function		
Compressive strength	[bar]	20	
Housing material	housing: PBT sensor and sleeve: AISI 316 Ti		
Protection	[EN 60529]	IP 65	
Connection	M12 connector		1/2"-20UNF, 5-pol.
Accessories	2x flat gasket, threaded sleeve, heat conducting paste		