

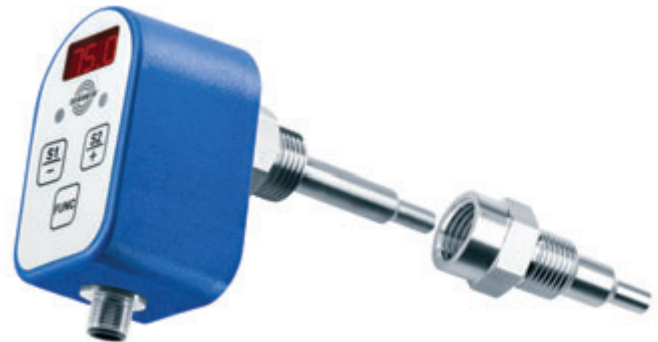


Two switching points and analog output

Exchangeable during ongoing operations through use of threaded sleeve

Measuring range -40...+120 °C

Hysteresis and temperature window easily programmable



Design	DC • G1/2		AC • G1/2
Dimensions			
Detection range [°C]	-40...+120		
Output	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 WP
Supply voltage [V]	24 DC ±10%		230 AC ±10%
Current consumption [mA]	60		20
Voltage drop [V]	< 2.5		< 10
Ambient temperature [°C]	-20...+60		
Medium temperature [°C]	-40...+120		
Response time [s]	typ. 10...30		
Resolution display [°C]	0.1		
Range limit values [°C]	-39...+120		(0.5 / 1 Step)
Range hysteresis [°C]	0.5...99		(0.5 / 1 Step)
Range window [°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		