

Technical Data Sheet

Pneumatic Controller Type 920.350



TD_920.350

Technical Data

Mounting	Wall mounting or front panel mounting	
Body material	Aluminium / Steel	
Mounting position	Vertically acc. to screen	
Temperature range	-30...+80 °C	
Measuring range	[bar(g)]	Measuring element
Over pressure	(0...0,25; 0...0,5; 0...0,7) 0,2...1	Metal bellows SS
	0...1; 0...2	Bourdon tube made of SS
	0...4; 0...7; 0...10; 0...14; 0...20	Bourdon tube made of SS
	0...28; 0...40; 0...70; 0...140	Bourdon tube made of SS
Control algorithm	P-, PI-, PD-, PID- or 2-state-controller	
P-Range K_P	1...100 % adjustable	
Sensitivity	0,1 % of final value of adjustment range at K _P = 100 %	
Accuracy	≤ 1%	
Flow capacity	5 Sl/min. at 0,6 bar outlet pressure	
Air supply pressure p_z	1,4 (2,4) bar	
Control pressure y	0,2...1 bar (0,4...2,0 bar)	
Air consumption	0,05 Nm ³ /h (3,5 Nm ³ /h)	
Connections pneum.	1/4" NPT	
Connections process Bourdon tube	1/2" BSP M (bellow 1/4"NPT F)	
Dimensions	Please refer to the dimensional drawing	
Weight	App. 6,5 kg	
Degree of protection	IP 55	
Available certificates 94/9/EC (ATEX)	II2GIIICcXGb / II2DIIICcXD6	

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Dimensions

