



Pneumatic Temperature & Pressure Controller - Type 82P

Description

The 80 series indicator is suitable for pressure control. The instrument measure the value directly, displays the operating value and compares the measured variable with the set point. The comparison between the two values makes a modulating standard signal of 3-15 psi (0.2-1 bar) or 6-18 psi (0,4-1,2 bar), sent to the final control device. (pneumatic control valve for example). Three types of control shapes available: ON-OFF,P and P+I

Technical Data

Body and Cover	Die cast aluminium anti-corrosive painted	
Protection degree	IP54	
Fitting	Wall or panel	
Pneumatic connections	Ø1/4" NPT with fittings for 4x6 mm pipe size	
Air supply	20 +/- 1.5 psi / 1,4 +/- 0,1 bar 35 +/- 1.5 psi / 2,4 +/- 0.1 bar	
Output	3-15 psi / 0.2 – 1 bar ... 6-18 psi / 0,4-1,2 bar 6-30 psi / 0.5 – 2 bar (on request)	
Air consumption under steadystate conditions	Air supply 20 psi / 1.4 bar	0.13 Nm ³ /h
Max air delivery	Air supply 20 psi / 1.4 bar	2.6 Nm ³ /h

Article no.	Model
TYPE 82P	Pneumatic Pressure Controller
TYPE 82R12	Pneumatic Temperature Controller