

# PT100 Series Valves



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**RANKIN**   
COMPONENTS THAT AUTOMATE

**DESCRIPTION**

2 way normally closed angle seat valve pneumatically operated.  
Inlet under seat.

**PRESENTATION**

- Tri-Clamp connection Acc.to ISO2852-1993
- Water hammer effect prevention
- Protected visual position indicator
- PTFE sealing pack
- Maintenance free sealing pack
- Normally open version available on request
- Double acting version available on request
- Pilot thread: 1/8" GAS
- Universal mounting position

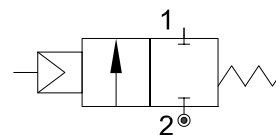


**USE:** Packaging, Beverage equipment, Food processing, Textile printing & Dyeing, Gas industry, Pharmacy & Medical Equipment, Chemical industry, Disinfection, Foaming Equipment, Water/sewage Disposal

**CONNECTION:** Tri-Clamp ISO2852-1993

**VALVE FEATURES**

Fluid Pressure	Up to max 203psi (14bar)
Control Pressure	58 - 87psi (4 - 6bar)(see table)
Control Fluid	Neutral gas, Air
Body material	Stainless steel AISI 316
Sealing	PTFE
Actuator Material	AISI 304 or Aluminium for 4.9inches actuator
Actuator Size	1.6 - 2 - 2.5 - 3.5 inches (40 - 50 - 63 - 90 mm)
Fluids	Water, Alcohol, Oils, Fuels, Steam, Natural gases or Liquids, Organic solvents, Acids and Lyes
Fluid viscosity	Max 600cSt (mm <sup>2</sup> /s)
Fluid temperature	14°F +356°F (-10°C to +180°C)
Ambient temperature	14°F +176°F (-10°C to +80°C)
Control Type	Normally closed, (on request Normally open, Double acting)



For piloting please use the solenoid valve E311ANB15///U35D (3/2NC, Ø1.5mm, 120V AC UL approved)

CODICE	Actuator Diameter		Nominal Diameter		Pilot Pressure		Max Pressure		Q	A	K	Tri-clamp connection				
	inches	mm	inches	mm	psi	bar	psi	bar				L	C	B	Ød	ØD
PT140DW15/V	1.57	40	0.59	15	58	4	188	13	G1/8"	5.12	4.53	3.15	0.75	1.08	0.59	1.34
PT150DW15/V	1.97	50			65	4.5	203	14	G1/8"	5.51	4.96					
PT150EW20/V	1.97	50	0.79	20	65	4.5	203	14	G1/8"	5.83	4.96	4.02	0.98	1.71	0.83	1.99
PT150FW25/V	1.97	50	1	25	65	4.5	116	8	G1/8"	6.50	5.51	5.12	1.26	1.71	1.06	1.99
PT163FW25/V	2.48	63			72.5	5	188	13	G1/8"	7.40	6.54					
PT163GW32/V	2.48	63	1.26	32	72.5	5	87	6	G1/8"	7.87	6.85	5.75	1.4	1.71	1.22	1.99
PT163HW40/V	2.48	63	1.57	40	72.5	5	72.5	5	G1/8"	8.27	6.89	6.3	1.57	2.22	1.30	2.52
PT163IW50/V	2.48	63	2	50	72.5	5	43.5	3	G1/8"	8.70	7.28	6.89	2.09	2.22	1.77	2.52
PT190IW50/V	3.54	90	2	50	87	6	145	10	G1/8"	10.43	9.25					

