

PM100 Series Valves



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RANKIN
COMPONENTS THAT AUTOMATE



DESCRIPTION

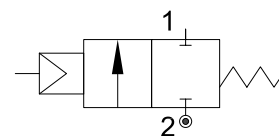
2 way bi-stable (double acting) pneumatically operated valve.
Modular assembling.

PRESENTATION

- Best choice for fluid mixing
- Flanged connection modularity
- 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: G1/8"
- Universal mounting position



USE: Packaging, Drinks Filling Machinery, Textile printing,
Pharmacy & Medical Equipment, Chemical industry,
Foaming Equipment, Water/sewage Disposal



CONNECTION: Threaded (BSP, NPT)

CONNECTION KIT: Inlet plate (plate+OR+screws+nuts)	cod.14913000
Modules connection kit (OR+screws+nuts)	cod.14914000
End plate (plate+OR+screws+nuts)	cod.14915000

VALVE FEATURES

Fluid Pressure	Up to max 203psi (14bar)
Control Pressure	65psi (4.5bar)
Control Fluid	Neutral gas, Air
Body material	Stainless steel AISI 316
Sealing	PTFE
Actuator Material	AISI 304
Actuator Size	2 inches (50mm)
Fluids	Water, Alcohol, Oils, Fuels, Steam, Natural gases or Liquids, Organic solvents, Acids and Lyes
Fluid viscosity	Max 600cSt (mm ² /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	Double acting

CODE ①	DN (ØD) inches	Pilot Pressure		Max Pressure		A inches	L inches	K inches	2-ØF inches	E inches	ØD inches	Ød inches	G GAS or NPT	SW inches
		psi	bar	psi	bar									
PM150D...W15/V	0.79	65	4.5	203	14	6	3	1.38	0.33	1.97	0.98	0.71	1/2"	1.06
PM150F...W25/V	1	65	4.5	116	8	6	3.54	1.81	0.33	2.24	1.26	0.94	1"	1.54

① G= GAS (ISO228)
N= NPT (ANSI/ASME B1.20.1)

Ordination example: PM150DNW15/V connection 1/2" NPT
PM150DGW15/V connection 1/2" GAS

