


Pressure Independent Control Valve (PICV)
HVAC Equipment

PICV for Small HVAC Equipment








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Characteristic	Valve Size	Operational Pressure	Picture	Order Code	Flow range (m³/h) / selectable	Differential Pressure, max. (KPa)	Fluid Temperature, max	Stroke (mm)	Country of Origin
2- Way Valve	DN15	PN25		V2FBPIC.15_0.9	0.16...0.9	35-500	-10...120°C	4	China
	DN20			V2FBPIC.20_1.3	0.28...1.3				
	DN25			V2FBPIC.25_2	0.21...2.0				
	DN32			V2FBPIC.32_4	0.42...4.0				
2- Way Valve - 2 Pressure Ports	DN15	PN25		V2FBPPIC.15_0.9	0.16...0.9	35-500	-10...120°C	4	China
	DN20			V2FBPPIC.20_1.3	0.28...1.3				
	DN25			V2FBPPIC.25_2	0.21...2.0				
	DN32			V2FBPPIC.32_4	0.42...4.0				

Pressure Independent Control Valve (PICV) for Large HVAC Equipment

Characteristic	Valve Size	Operational Pressure	Picture	Order Code	Max. flow (m³/h) / selectable	Differential Pressure, max. (kPa)	Fluid Temperature, max	Stroke (mm)	Country of Origin
2- Way Valve	DN32	PN25		V2FBPIC.32_4L	4	35...500	-10...120°C	20	China
	DN40			V2FBPIC.40_6L	6				
	DN50			V2FBPIC.50_8L	8				
2- Way Valve - 2 Pressure Ports	DN32	PN25		V2FBPPIC.32_4L	4	35...500	-10...120°C	20	China
	DN40			V2FBPPIC.40_6L	6				
	DN50			V2FBPPIC.50_8L	8				
2- Way Valve - 2 Pressure Ports	DN50	PN16		V2SAPPIC.50_13	13	400	-10...120°C	20	China
	DN65			V2SAPPIC.65_21	21				
	DN80			V2SAPPIC.80_28	28				
	DN100			V2SAPPIC.100_50	50				
	DN125			V2SAPPIC.125_90	90				
DN150	V2SAPPIC.150_145	145							

Actuators

	Open Close Actuators			Modulating actuators		Open/Close & Modulating Actuators			
	Non FS	FS	FS	FS	Non FS	Non FS			
Fail Safe function	Non FS	FS	FS	FS	Non FS	Non FS			
Running Time(s)	120			120		2 - 4 s/mm			
Feedback signal	n.a.	n.a.	n.a.	n.a.	n.a.	0...10V / 4...20mA			
IP Rating	IP54			IP54		IP54			
Stroke (mm)	4	4	4	4	4	20	30	30	50
Force (N)	125	100	125	100	125	500	600	1000	1000
Power Supply	24 VAC/DC		230 VAC	24 VAC/DC		24 VAC/DC			
Country of origin	Germany			Germany		China			
	120-024-0125	110-230-010	110-230-0125	110C-024-010	120C-024-0125	150C-024-050	160C-024-060	160C-024-100	180C-024-100
Picture									
	Close-Off pressure, max (kPa)								

	400	400	400	400	400				
	400	400	400	400	400				
	400	400	400	400	400				
	130	130	130	130	130				
	400	400	400	400	400				
	400	400	400	400	400				
	130	130	130	130	130				

150C-024-050	160C-024-060	160C-024-100	180C-024-100
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