

Insertion Device Valve Designation List

The following list provides a quick reference to the valve designations associated with the Insertion Device Front End. Each valve shall be tagged according to this list for system clarification within the Front End. Drawing P41020106-601000-01 can also be referenced to provide additional clarification with regards to the flow schematic of the system.

<u>Associated Component</u>	<u>Valve Designation</u>	<u>Valve Function</u>
BPM1	BV-10	Supply shut off valve
BPM1	BV-11	Return shut off valve
BPM1	BV-12	Drain valve
BPM1	GV-10	Flow control valve
FM1	BV-20	Supply shut off valve
FM1	BV-21	Return shut off valve
FM1	BV-22	Drain valve
FM1	BV-23	Differential pressure (Hi side)
FM1	BV-24	Differential pressure (Lo side)
FM1	GV-20	Flow control valve
PS1	BV-30	Supply shut off valve
PS1	BV-31	Return shut off valve
PS1	BV-32	Drain valve
PS1	BV-33	Differential pressure (Hi side)
PS1	BV-34	Differential pressure (Lo side)
PS1	GV-30	Flow control valve
BPM2	BV-40	Supply shut off valve
BPM2	BV-41	Return shut off valve
BPM2	BV-42	Drain valve
BPM2	GV-40	Flow control valve
FM2	BV-50	Supply shut off valve
FM2	BV-51	Return shut off valve
FM2	BV-52	Drain valve
FM2	BV-53	Differential pressure (Hi side)
FM2	BV-54	Differential pressure (Lo side)
FM2	GV-50	Flow control valve
PS2	BV-60	Supply shut off valve
PS2	BV-61	Return shut off valve
PS2	BV-62	Drain valve
PS2	BV-63	Differential pressure (Hi side)
PS2	BV-64	Differential pressure (Lo side)
PS2	GV-60	Flow control valve