Please complete and return to: sales@armourvalve.com

VPC Valve Pilot Controller Application Data Sheet

Ver 011917

#	A	B	C	D	E	F	G	#
1	**Date**	→	3/7/2023		**Completed By**	→	Click or tap here to enter text.	1
2	**Setpoint Pressure**	→	Enter Data PSIG	→	Enter Data PSIG GAP			2
3	**Supply Gas Pressure**	→	Enter Data PSIG MAX					3
4	**Discharge Pressure**	☐	ATM (Atmosphere)	☐	Discharge to PSIG	☐	BP Bleed Pressure Sensor	4
5	**Actuator Type**	☐	Double Acting	☐	Spring Return – Spring OPEN	☐	Spring Return – Spring CLOSE	5
6	**Actuator Manufacturer / Model**	→		☐	**Actuator Size**	→		6
7	**Control Valve Type**	☐	Full Bore Ball Valve	☐	Segmented Ball Valve	☐	Globe Valve	7
8	**Control Valve Manufacturer / Model**	→	Enter Data		**Control Valve Size**	→	Enter Data INCHES	8
9	**Application Type**	☐	Other	☐		☐		9
10	**Pressure Reduction**	☐	Monitor Overpressure	☐	Underpressure Protection	☐	Power Plant Pressure Control	10
11	**PCO Pressure Control Override**	☐	Backpressure Control	☐	Relief Valve	☐	Power Plant Monitor Overpressure	11
12	**Electronic Setpoint Control**	☐	YES	☐	NO			12
☐	**High Setpoint**	→	Enter Data PSIG		**Low Setpoint**	→	Enter Data PSIG	13
14	**Analog Command Signal**	☐	4 – 20 mA					14
15	**Discrete Pulse Signal**	☐	24 VDC	☐	120 VAC			15
16	**Motor Power**	☐	24 VDC	☐	120 VAC			16
17	**Accessories**							17
18		☐	VMO Valve Manual Override	☐	NVD No-Vent Device	☐	4514AE Volume Boosters	18
19		☐	Supply Gas System	☐	Supply Gas System – SS	☐	Fisher 3570 Cover Plate (Becker)	19
20	**Tubing Connections**	☐	Ship All Components Loose – No Tubing					20
21		☐	VRG Make All Tube Connections	☐	Standards 316SS Tubing Fittings	☐	Swagelok 316SS Tubing Fittings	21
22	**Mounting**	☐	Panel Mount	☐	Control Cabinet			22
23		☐	Mounting Stand	☐	Mount Onboard Control Valve			23
24	**Notes** →Click or tap here to enter text.							28
25	**Sales Representative Contact Details:** →Click or tap here to enter text.				**Customer Contact Details:** →Click or tap here to enter text.			29

DO NOT COMPLETE BELOW – FOR USE BY VRG CONTROLS PERSONNEL ONLY

	VPC Series		VPC-225 Series		VPC-700 Series		VPC-1500 Series
	Single Acting	☐	3 – 15 psig Black	☐	9-45 psig Black	☐	30-90 psig Black
☐	VPC-SA-BV	☐	5 – 53 psig Brown	☐	30-160 psig Brown	☐	50-335 psig Brown
☐	VPC-SA-BV-ID	☐	16-100 psig Grey	☐	75-310 psig Grey	☐	100-640 psig Grey
☐	VPC-SA-BV-GAP	☐	40-170 psig Orange	☐	150-520 psig Orange	☐	265-1070 psig Orange
	☐ Reverse Action ☐ Direct Action	☐	65-206 psig White	☐	240-635 psig White	☐	400-1300 psig White
	Double Acting	☐	100-225 psig Purple	☐	350-700psig Purple	☐	625-1500 psig Purple
☐	VPC-DA-BV						
☐	VPC-DA-SN						