

DVC™ Valve Controllers											
Model Number	DVC7	DVC710	DVC722	DVC741	DVC10	DVC21	DVC22	DVC41	DVC50	DVC61	DVC80
Function	Standalone Controller	System Controller	Input Expansion	Output Expansion	System Controller	Input Expansion	Input Expansion	Output Expansion	In/Output Expansion	Text Display	DeviceNet to J1939 Bridge
Analog Inputs, (0-5V)	2	3	–	–	3	–	–	–	4	–	–
Universal/Pulse Inputs	3 (0 to 5V, 0 to 20mA, or Pulse)	3 ¹	–	–	3 ²	–	–	–	2 (0 to 5V)	–	–
Digital Inputs	3 (Configurable as Pulse)	8	40 Sinking	–	8	20 Sink & 20 Source	40 Sinking	–	8	10	–
Proportional PWM Outputs	2	3	–	–	3	–	–	–	3	–	–
Digital Outputs	6 HS	6 HS	–	12 HS	6 HS	–	–	12 HS	6 HS	–	–
Analog Outputs	–	–	–	–	–	–	–	–	–	–	–
Ref/COM Output	1 @ 500 mA	1 @ 500 mA	–	–	–	–	–	–	–	–	–
HCT CANbus	–	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
CAN (SAE J1939)	Y	Dual Can	–	–	Y	–	–	–	–	–	–
Interface (RS-232)	Y	Y	–	–	Y	–	–	–	–	Y	–
Customer Programmable	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Status Indicators	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Mobile Equipment	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68
Voltage, DC	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0	9.0 to 32.0
Temperature °C, Oper	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-20 to 70	-40 to 85

¹ (0 to 5V, 0 to 10V, -1 to +1V or 0 to 20 mA)
² (0 to 5V, 0 to 10V, -1 to +1V or 0 to 20 mA)