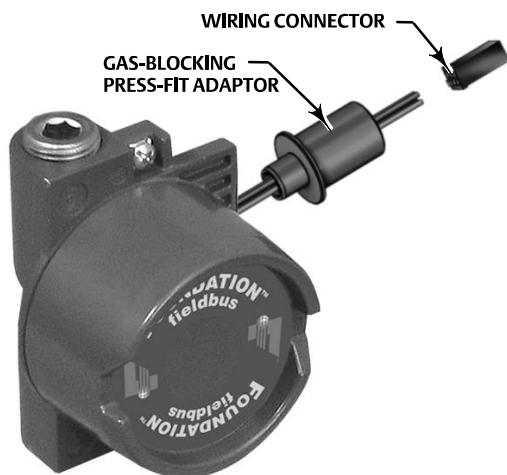


Figure 8-1. Terminal Box of Natural Gas Certified FIELDVUE DVC6200f Digital Valve Controller



W9923-1

Key	Description
61	Pipe Plug, hex socket <sup>(7)</sup> Housing A with relay C (2 req'd) (used for GX actuator) Housing A with relay B (1 req'd) (used for GX actuator) Housing B with relay B and C (1 req'd) (used for all actuators except GX) Not required for relay A
63	Lithium grease (not furnished with the instrument)
64	Pipe thread sealant, anaerobic (not furnished with the instrument)
65	Lubricant, silicone sealant (not furnished with the instrument)
154	Retaining Ring <sup>(2)</sup> (3 req'd)
236	Screen (required for relay B and C only) <sup>(8)</sup>
237	Module Base Seal <sup>(1)</sup>

## Module Base (see figure 8-2 and 8-4)

2	Module Base <sup>(7)</sup>
11	Drive Screw <sup>(7)</sup> (2 req'd)
12	O-ring <sup>(1)</sup>
19	Label, Shield Assembly <sup>(7)</sup>
61	Pipe Plug, hex socket <sup>(7)</sup> (3 req'd)
243	Slotted Pin (flame arrestor) <sup>(7)</sup> (3 req'd)

\* Recommended spare

1. Available in the Elastomer Spare Parts Kit
2. Available in the Small Hardware Spare Parts Kit
3. Available in the Seal Screen Kit
5. Available in the Terminal Box Kit
6. Available in the I/P Converter Kit
7. Available in the Spare Module Base Assembly Kit
9. Available in the Spare Shroud Kit

Key	Description	Part Number
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## I/P Converter Assembly (see figure 8-2 and 8-4)

23	Cap Screw, hex socket, SST <sup>(2)</sup> / <sup>(9)</sup> (4 req'd)	
39*	O-ring <sup>(1)</sup> / <sup>(3)</sup> / <sup>(6)</sup>	
41	I/P Converter <sup>(6)</sup>	
169	Shroud <sup>(6)</sup> / <sup>(9)</sup> (not shown, see figure 7-4)	
210*	Boot, nitrile <sup>(1)</sup> / <sup>(6)</sup> (2 req'd) (see figure 7-4)	
231*	Seal Screen <sup>(1)</sup> / <sup>(3)</sup> / <sup>(6)</sup>	

## Relay (see figure 8-2 and 8-4)

24\* Relay Assembly, (includes shroud, relay seal, mounting screws)

Standard		
Standard Bleed		
Housing A (used for GX actuator)		
Single-/acting direct (relay C)		38B5786X182
Single-acting reverse (relay B)		38B5786X172
Housing B (used for all actuators except GX)		
Single-acting direct (relay C)		38B5786X132
Double-acting (relay A)		38B5786X052
Single-acting reverse (relay B)		38B5786X092
Low Bleed		
Housing A (used for GX actuator)		
Single-acting direct (relay C)		38B5786X202
Single-acting reverse (relay B)		38B5786X192
Housing B (used for all actuators except GX)		
Single-acting direct (relay C)		38B5786X152
Double-acting (relay A)		38B5786X072
Single-acting reverse (relay B)		38B5786X112
Extreme Temperature		
Standard Bleed		
Single-acting direct (relay C)		38B5786X142
Double-acting (relay A)		38B5786X032
Single-acting reverse (relay B)		38B5786X102
Low Bleed		
Single-acting direct (relay C)		38B5786X162
Double-acting (relay A)		38B5786X082
Single-acting reverse (relay B)		38B5786X122

## Loop Connections Terminal Box (see figure 8-2 and 8-4)

4	Terminal Box Cap	
34*	O-ring <sup>(1)</sup> / <sup>(5)</sup>	
36*	O-ring <sup>(1)</sup> / <sup>(5)</sup>	
58	Set Screw, hex socket, SST <sup>(2)</sup>	
72	Cap Screw, hex socket, SST <sup>(2)</sup>	
164	Terminal Box Assembly	

Key Description

## Feedback Connections Terminal Box (see figure 8-4)

### DVC6205f only

4	Terminal Box Cap
34*	O-ring <sup>(1)(5)</sup>
36*	O-ring <sup>(1)(5)</sup>
58	Set Screw, hex socket, SST <sup>(2)</sup>
62	Pipe Plug, hex hd, SST
262	Adapter
263*	O-ring
	Standard or Extreme temperature
264	Terminal Box Assembly, remote

## PWB Assembly (see figure 8-2 and 8-4)

50*	PWB Assembly
	Standard Control
	Fieldbus Diagnostics
	Advanced Diagnostics
	Performance Diagnostic
	Partial Stroke Test
	Fieldbus Control
	Fieldbus Diagnostics
	Advanced Diagnostics
	Performance Diagnostics
	Partial Stroke Test
	Fieldbus Logic
	Fieldbus Diagnostics
	Advanced Diagnostics
	Performance Diagnostics
	Partial Stroke Test

Key Description

## Pressure Gauges, Pipe Plugs, or Tire Valve Assemblies (see figure 8-3)

47*	Pressure Gauge, nickel-plated brass case, brass connection
	Double-acting (3 req'd); Single-acting (2 req'd)
	PSI/MPa Gauge Scale
	To 60 PSI, 0.4 MPa
	To 160 PSI, 1.1 MPa
	PSI/bar Gauge Scale
	To 60 PSI, 4 bar
	To 160 PSI, 11 bar
	PSI/KG/CM <sup>2</sup> Gauge Scale
	To 60 PSI, 4 KG/CM <sup>2</sup>
	To 160 PSI, 11 KG/CM <sup>2</sup>
66	Pipe Plug, hex hd
	For units w/o gauges
67	Tire Valve, used with Tire Valve Option only
	Double-acting (3 req'd); Single-acting (2 req'd)

## DVC6215 Feedback Unit (see figure 8-5)

65	Lubricant, silicone sealant (not furnished with the instrument)
256*	O-Ring, fluorosilicone