

The Gruvlok Figure AE7722-3A Grooved End Butterfly Valve is UL & ULC Listed and FM Approved as a system control valve. The valve is rated at 300 psi for steel pipe in the 2" to 10" sizes. The 2" through 10" sizes are agency rated for both indoor and outdoor service.

The valve is supplied with two internal switches. One is wired for supervisory service and the other is wired for use as an auxiliary switch. Both switches are rated for 11 amp at 125, 250 VAC and 0.5 amp at 125 VDC, 0.25 amp at 250 VDC. The switches and actuator internal spaces are protected from tampering and require special tools for disassembly (Contact an AnvilStar Representative if tools are required).

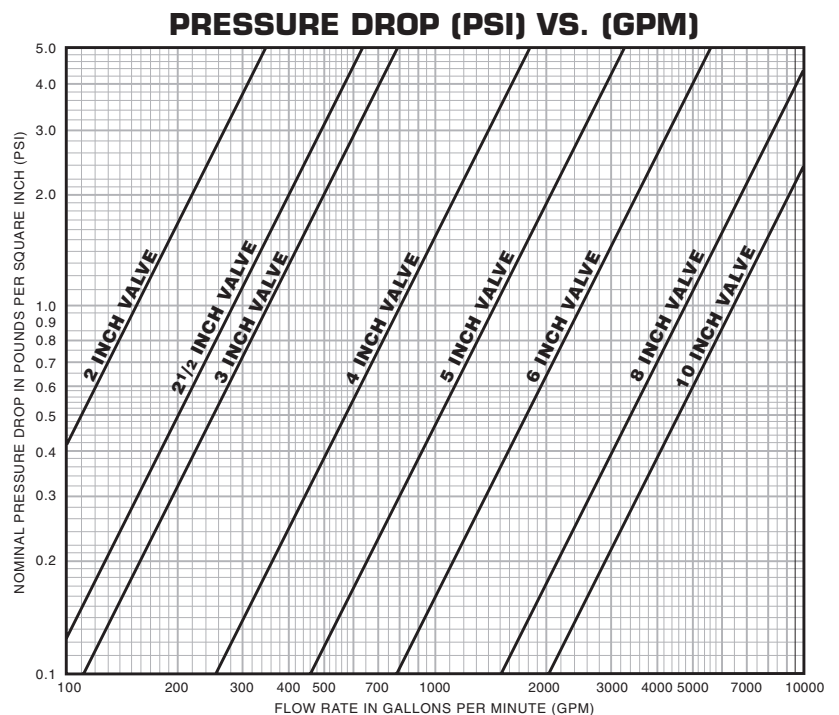
The ductile iron valve body is encapsulated with a thick, durable polymer coating to ensure long term service. The valve features double-seal disc design with resilient EPDM coating, and stems are 416 stainless steel. Detailed instructions for valve installation and switch wiring are included with each valve. Additional information for the replacement of shear point components and switches is also provided.



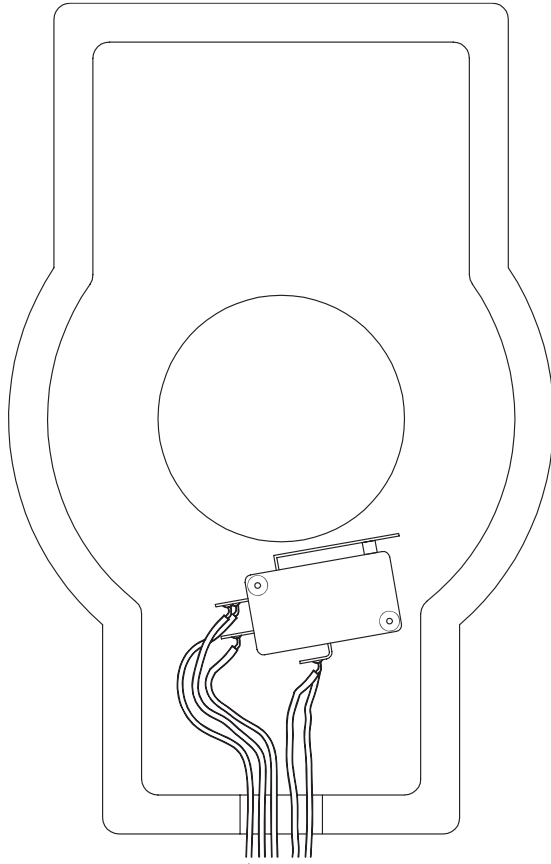
For Listing/Approval Details and Limitations, visit our website at www.anvilstar.com or contact an Anvil®/AnvilStar™ Sales Representative.

HEADLOSS EQUIVALENT LENGTH OF PIPE				
Valve Size	Pipe O.D.	Equivalent Feet of Pipe* C=120		
		Sch. 10	Sch. 30	Sch. 40
In./mm	In./mm	Ft./m	Ft./m	Ft./m
2	2.375	5.8	-	4.7
50	60.3	1.8	-	1.4
2½	2.875	5.1	-	3.7
65	73.0	1.6	-	1.1
3	3.500	9.6	-	7.2
80	88.9	2.9	-	2.2
4	4.500	7.5	-	5.7
100	114.3	2.3	-	1.7
5	5.563	7.0	-	5.6
125	141.3	2.1	-	1.7
6	6.625	6.1	-	4.8
150	168.3	1.9	-	1.5
8	8.625	6.3	5.7	5.3
200	219.1	1.9	1.7	1.6
10	10.750	11.3	10.2	9.6
250	273.1	3.4	3.1	2.9

* The equivalent feet of pipe is based on the Hazen and Williams formula and the flow rates typically used with each size valve.



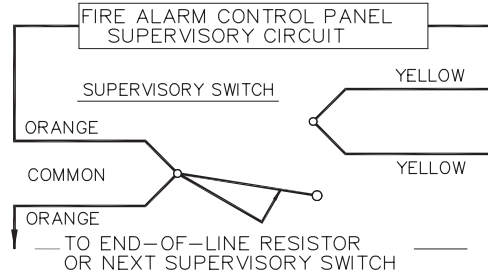
PROJECT INFORMATION	APPROVAL STAMP
Project:	<input type="checkbox"/> Approved
Address:	<input type="checkbox"/> Approved as noted
Contractor:	<input type="checkbox"/> Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	



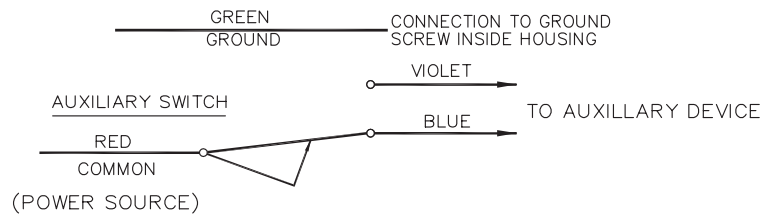
SEE NOTES
1 AND 2

NOTES:

1. SWITCH ORIENTATION MAY VARY.
2. STRAIN RELIEF TO BE PROVIDED ON PROTRUDING WIRES.
3. WIRE LEADS TO BE A MINIMUM OF 10" LONG FROM STRAIN RELIEF.
4. WIRE SIZE TO BE 18 AWG. GROUND WIRE SIZE TO BE 16 AWG MIN.
5. LOCATION OF SWITCH CONNECTORS MAY VARY DEPENDING ON MODEL.

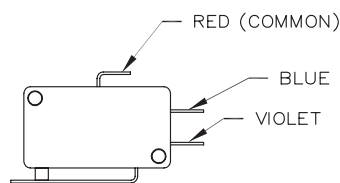


SINGLE-POLE DOUBLE-THROW SWITCH WIRED AS NORMALLY OPEN W/DUAL LEADS SOLDERED TO SWITCH TABS. (SWITCH SHOWN WITH VALVE IN "FULL-OPEN" POSITION.)



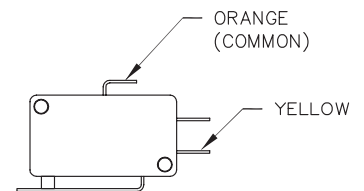
SINGLE-POLE DOUBLE-THROW SWITCH WITH SINGLE LEADS SOLDERED TO SWITCH TABS. (SWITCH SHOWN WITH VALVE IN "FULL-OPEN" POSITION.)

AUXILIARY SWITCH
SEE NOTE 5



NORMALLY CLOSED: BLUE
NORMALLY OPEN: VIOLET
COMMON: RED

SUPERVISORY SWITCH



NORMALLY CLOSED: NOT WIRED
NORMALLY OPEN: (2) YELLOW
COMMON: (2) ORANGE

SWITCH RATING:

TWO SINGLE-POLE, DOUBLE-THROW, PREWIRED SWITCHES RATED UP TO 11A AT 250 VAC.