

Category		Code
Standard		FP
Seawater		FS
Foam Concentrate		FC

  

Valve Size	
1½"	40 mm
2"	50 mm
2½"	65 mm
3"	80 mm
4"	100 mm
6"	150 mm
8"	200 mm
10"	250 mm
12"	300 mm

  

Group	Model
Classic Deluge	Electrically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>
	Electro-Pneumatically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>
	Pneumatically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>
	Hydraulically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)</sup>
	Hydraulically Controlled, Anti-Columning Deluge Valve with EasyLock Manual Reset <sup>(1)(2)</sup>
Combination Pressure Control Deluge	Electric Pressure Control Deluge Valve with Manual Reset
	Electric Pressure Control, On-Off Deluge Valve <sup>(2)</sup>
	Electro-Pneumatic Pressure Control, On-Off Deluge Valve
	Pneumatic Pressure Control, On-Off Deluge Valve <sup>(2)</sup>
	Hydraulic Pressure Control, On-Off Deluge Valve <sup>(2)</sup>
On-Off Deluge	Electrically Controlled, On-Off Deluge Valve <sup>(2)</sup>
	Electrically Controlled, On-Off Deluge Valve with Electric Remote Reset Latch <sup>(2)</sup>
	Electro-Pneumatically Controlled, On-Off Deluge Valve
	Pneumatically Controlled, On-Off Deluge Valve <sup>(2)</sup>
	Hydraulically Controlled, On-Off Deluge Valve <sup>(2)</sup>
Manually Operated	Hydraulic Hydrant Valve
	Locally Operated Monitor Valve
	Pressure Regulating Hydrant Valve
Remote Control	Solenoid Activated, Remote Controlled Monitor Valve
	Electro-Pneumatically Operated, Remote Controlled Monitor Valve
	Pneumatically Operated, Remote Controlled Monitor Valve
Pre-action & Dry Pipe	Hydraulically Operated, Remote Controlled Monitor Valve
	Single Interlock Pre-action, Electric Release System <sup>(2)(6)</sup>
	Double Interlock Pre-action, Electric-Electric Release System <sup>(2)(6)</sup>
	Double Interlock Pre-action, Electric-Pneumatic Release System <sup>(2)(6)</sup>
	Dry Pipe Control Valve <sup>(2)(6)</sup>

June 2022

# BERMAD Fire Protection Ordering Guide

Category	Code	Group	Model	Code
Standard	FP	Classic Deluge	Electrically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>	400E-2M
Seawater	FS		Electro-Pneumatically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>	400E-3M
Foam Concentrate	FC		Pneumatically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)(3)</sup>	400E-4M
			Hydraulically Controlled Deluge Valve with EasyLock Manual Reset <sup>(1)(2)</sup>	400E-1M
			Hydraulically Controlled, Anti-Columning Deluge Valve with EasyLock Manual Reset <sup>(1)(2)</sup>	400E-5M
		Combination Pressure Control Deluge	Electric Pressure Control Deluge Valve with Manual Reset <sup>(1)(2)</sup>	400E-2MC
			Electric Pressure Control, On-Off Deluge Valve <sup>(2)</sup>	400E-3DC
			Electro-Pneumatic Pressure Control, On-Off Deluge Valve <sup>(2)</sup>	400E-6DC
			Pneumatic Pressure Control, On-Off Deluge Valve <sup>(2)</sup>	400E-4DC
			Hydraulic Pressure Control, On-Off Deluge Valve <sup>(2)</sup>	400E-5DC
		On-Off Deluge	Electrically Controlled, On-Off Deluge Valve <sup>(2)</sup>	400E-3D
			Electrically Controlled, On-Off Deluge Valve with Electric Remote Reset Latch <sup>(2)</sup>	400E-3D-RL
			Electro-Pneumatically Controlled, On-Off Deluge Valve <sup>(2)</sup>	400E-6D
			Pneumatically Controlled, On-Off Deluge Valve <sup>(2)</sup>	400E-4D
			Hydraulically Controlled, On-Off Deluge Valve <sup>(2)</sup>	400E-5D
		Manually Operated	Hydraulic Hydrant Valve	405-02
			Locally Operated Monitor Valve	405-11
			Pressure Regulating Hydrant Valve	420-HY
		Remote Control	Solenoid Activated, Remote Controlled Monitor Valve	400E-3X
			Electro-Pneumatically Operated, Remote Controlled Monitor Valve	400E-6X
			Pneumatically Operated, Remote Controlled Monitor Valve	400E-4X
		Pre-action & Dry Pipe	Hydraulically Operated, Remote Controlled Monitor Valve	400E-5X
			Single Interlock Pre-action, Electric Release System <sup>(2)(6)</sup>	400E-7M
			Double Interlock Pre-action, Electric-Electric Release System <sup>(2)(6)</sup>	400E-7BM
			Double Interlock Pre-action, Electric-Pneumatic Release System <sup>(2)(6)</sup>	400E-7DM
		Pressure Control	Dry Pipe Control Valve <sup>(2)(6)</sup>	400E-DP
			Pressure Reducing Valve	420-00
			Pressure Relief Valve <sup>(4)</sup>	430-UF
			Pressure Relief Valve <sup>(5)</sup>	730-UF
			Pressure Relief Valve with Electric Override	430-59
			Pressure Relief Valve with Electric Override	730-59
		Level Control	Differential Pressure Sustaining Valve <sup>(3)</sup>	436-00
			Level Control Valve with Modulating Horizontal Float	450-60
			Level Control Valve with Bi-Level Electric Float	450-65
			Level Control Valve with Bi-Level Vertical Float	450-66
			Level Control Valve with Altitude Pilot <sup>(7)</sup>	450-82

FP      2"      400E-2M

Category	Code
Standard	FP
Seawater	FS
Foam Concentrate	FC

  

Valve Size	
1½"	40 mm
2"	50 mm
2½"	65 mm
3"	80 mm
4"	100 mm
6"	150 mm
8"	200 mm
10"	250 mm
12"	300 mm

**Notes:**

- (1) Deluge Valves With EasyLock Manual Reset are provided with Full Trim, including drain and indicating components (A items)
- (2) UL Listed for sizes 1½, 2, 2½, 3, 4, 6, 8 & 10"
- (3) VdS Configuration for sizes 2, 3, 4, 6 & 8", Add "VDS" Suffix To Type Code (example: 400E-2M-VDS)
- (4) UL Listed and FM Approved for 2, 2½, 3, 4 & 6"
- (5) UL Listed for sizes 2, 2½, 3, 4, 6 & 8", refer to catalogue sheets for pressure ratings
- (6) Pre-action & Dry Pipe Valves Including Full Trim (A) and Trimmed Check Valve
- (7) Altitude pilot adjustment Ranges : "M6" for 2-14 m (standard), "M5" for 5-22 m, "M4" for 15-35 m and "M8" for 25-70

**BERMAD Standard Configuration**



G		C		A5		PR		4DC		NN		7P7K	
<b>Valve Pattern</b>		<b>Code</b>		<b>Voltage - Main Valve Position (When Solenoid De-Energized)</b>		<b>Code</b>		<b>Options</b>		<b>Code</b>			
Universal (basic trim only)		G		24VDC - N.C. (Standard)		4DC		Pressure Switch, General Purpose <sup>(8)</sup>		P			
Vertical		V		24VDC - N.O.		4DO		Ex Proof Pressure Switch <sup>(8)</sup>		P7			
Horizontal		H		24VDC - Magna Latch		4DS		EExd ATEX Pressure Switch <sup>(8)</sup>		P9			
<b>Body Material</b>		<b>Code</b>		110VDC - N.C.		5DC		Single Limit Switch, General Purpose		S			
Ductile Iron (Standard)		C		110VDC - N.O.		5DO		Single Ex Proof, Limit Switch		S7			
Cast Steel		S		110V/50-60 - N.C.		5AC		Single Ex d Proximity Limit Switch		S9			
Stainless Steel 316		N		110V/50-60 - N.O.		5AO		Double Ex d Proximity Limit Switch		SS9			
Nickel Al. Bronze		U		220V/50-60 - N.C.		2AC		Double Ex d Proximity Limit Switch with SS junction Box		SS9Jn			
				220V/50-60 - N.O.		2AO		Pressure Gauge Assembly <sup>(8)</sup>		6			
<b>End Connections</b>		<b>Code</b>		<b>Tubing &amp; Fittings</b>		<b>Code</b>		S.S Glycerin Pressure Gauge Assembly <sup>(8)</sup>		6n			
ANSI #150RF (Standard)		A5		Stainless Steel 316 (Standard)		NN		Monel Pressure Gauge Assembly <sup>(8)</sup>		6m			
ANSI #150RF-SF <sup>(1)</sup>		AM		Monel		MM		Ex Proof NEC Class 1 Div.1 Solenoid		7			
ANSI #150RFF-SF <sup>(1)</sup>		aM						Ex d ATEX Solenoid		9			
ANSI#150FF		a5						Drip Check <sup>(9)</sup>		DC			
ISO-PN16		16						Drain Valve <sup>(9)</sup>		DV			
Grooved ANSI C-606-81 <sup>(2)</sup>		VI						Manual Emergency Release Box <sup>(9)</sup>		D			
								Mechanical Latching Pilot		H			
								Mechanical Latching Solenoid		H1			
								Magna-Latch Solenoid -2 Wires		H2			
								Magna-Latch Solenoid -3 Wires		H3			
								Water Motor Alarm Assembly <sup>(8)</sup>		W			
								Special Elastomer <sup>(10)</sup>		E			
								Large Control Filter		F			
								Valve Position Indicator		I			
								Junction Box		J			
								S.S. Solenoid Valve		K			
								S.S. 316 Trim Accessories <sup>(11)</sup>		N			
								Pressure Transmitter <sup>(8)</sup>		Q			

For others consult BERMAD.

**Notes:**

- (1) Serrated Finish (SF) Bronze/Steel alloys as per MSS-SP-6, applicable for Uncoated S.Steel, Ni.A.Bronze and other high alloys only
- (2) For 2", 3", 4", 6" and 8" only  
For others consult BERMAD.

**Notes:**

- (8) Instrument Supplied loose.
- (9) Optional for Models 3D, 4D, 5D, 6D, 3DC, 4DC, 5DC & 6DC.
- (10) NBR or EPDM - Consult BERMAD for availability.
- (11) Not including Solenoid Valves & Pressure Gauges

### Separate Items & System Components

Description	BERMAD Catalog Number
Water Motor Alarm Assy. (W) w/Strainer for Deluge/Preaction System	9901240028
AMD-74, Air Maintenance Device w/Regulator for External Pressure Supply	TEX0000003
AMD-76 Air Maintenance Device Regulated By-Pass Pressure Supply	TEX0000009
Standard Manual Release Station Model-D w/S.S. 304 Box-Brass valve	2920400093
S.S. 316 Manual Release Station Model-DN w/S.S. 316 Box	2920451093

### BERMAD Standard Configuration





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