

Fire Protection

FP
2"
400E-2M

Category	Code
Standard	FP
Seawater	FS
Foam Concentrate	FC

DN	inch
50	2"
65	2 1/2"
80	3"
100	4"
150	6"
200	8"
250	10"
300	12"

Group	Model
Classic Deluge	Electrically Controlled Deluge Valve with EasyLock Manual Reset (1)(2)(3)
	Electro-Pneumatically Controlled Deluge Valve with EasyLock Manual Reset (1)(2)(3)
	Pneumatically Controlled Deluge Valve with EasyLock Manual Reset (1)(2)(3)
	Hydraulically Controlled Deluge Valve with EasyLock Manual Reset (1)(2)
	Hydraulically Controlled, Anti-Columning Deluge Valve with EasyLock Manual Reset (1)(2)
Combination Pressure Control Deluge	Electric Pressure Control Deluge Valve with Manual
	Electric Pressure Control, On-Off Deluge Valve (2)
	Electro-Pneumatic Pressure Control, On-Off Deluge
	Pneumatic Pressure Control, On-Off Deluge Valve (2)
On-Off Deluge	Hydraulic Pressure Control, On-Off Deluge Valve (2)
	Electrically Controlled, On-Off Deluge Valve (2)
	Electro-Pneumatically Controlled, On-Off Deluge Valve
Specialty Hydrant	Pneumatically Controlled, On-Off Deluge Valve (2)
	Hydraulically Controlled, On-Off Deluge Valve (2)
	Hydraulic Hydrant Valve
	Locally Operated Monitor Valve
	Pressure Regulating Hydrant Valve



Ordering Guide

January 2011



BERMAD Fire Protection

Ordering Guide



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	Code ⁽⁸⁾
Classic Deluge	Electrically Controlled Deluge Valve with EasyLock Manual Reset ⁽¹⁾⁽²⁾⁽³⁾	400E-2M
	Electro-Pneumatically Controlled Deluge Valve with EasyLock Manual Reset ⁽¹⁾⁽²⁾⁽³⁾	400E-3M
	Pneumatically Controlled Deluge Valve with EasyLock Manual Reset ⁽¹⁾⁽²⁾⁽³⁾	400E-4M
	Hydraulically Controlled Deluge Valve with EasyLock Manual Reset ⁽¹⁾⁽²⁾	400E-1M
	Hydraulically Controlled, Anti-Columning Deluge Valve with EasyLock Manual Reset ⁽¹⁾⁽²⁾	400E-5M
Combination Pressure Control Deluge	Electric Pressure Control Deluge Valve with Manual Reset ⁽¹⁾⁽²⁾	400E-2MC
	Electric Pressure Control, On-Off Deluge Valve ⁽²⁾	400E-3DC
	Electro-Pneumatic Pressure Control, On-Off Deluge Valve ⁽²⁾	400E-6DC
	Pneumatic Pressure Control, On-Off Deluge Valve ⁽²⁾	400E-4DC
	Hydraulic Pressure Control, On-Off Deluge Valve ⁽²⁾	400E-5DC
On-Off Deluge	Electrically Controlled, On-Off Deluge Valve ⁽²⁾	400E-3D
	Electrically Controlled, On-Off Deluge Valve with Electric Remote Reset Latch ⁽²⁾	400E-3D-RL
	Electro-Pneumatically Controlled, On-Off Deluge Valve ⁽²⁾	400E-6D
	Pneumatically Controlled, On-Off Deluge Valve ⁽²⁾	400E-4D
	Hydraulically Controlled, On-Off Deluge Valve ⁽²⁾	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 ⁽²⁾⁽⁶⁾	400E-7M
	Double Interlock Pre-action, Electric-Electric Release System ⁽²⁾⁽⁶⁾	400E-7BM
	Double Interlock Pre-action, Electric-Pneumatic Release System ⁽²⁾⁽⁶⁾	400E-7DM
Pressure Control	Dry Pipe Control Valve ⁽²⁾⁽⁶⁾	400E-DP
	Pressure Reducing Valve	420-00
	Pressure Reducing Valve ⁽⁵⁾	720-UL
	Pressure Relief Valve ⁽⁴⁾	430-UF
	Pressure Relief Valve ⁽⁵⁾	730-UF
	Pressure Relief Valve with Electric Override	430-59
Level Control	Pressure Relief Valve with Electric Override	730-59
	Differential Pressure Sustaining Valve ⁽³⁾	436-00
	Level Control Valve with Modulating Horizontal Float	450-60
	Level Control Valve with Bi-Level Electric Float	450-65
Level Control	Level Control Valve with Bi-Level Vertical Float	450-66
	Level Control Valve with Altitude Pilot ⁽⁷⁾	450-80

Notes:

- Deluge Valves With EasyLock Manual Reset are provided with Full Trim, including drain and indicating components (A items)
- UL Listed for sizes 1½, 2, 2½, 3, 4, 6 & 8"
- VdS Configuration for sizes 2, 3, 4, 6 & 8", Add "VDS" Suffix To Type Code (example: 400E-2M-VDS)
- UL Listed and FM Approved for 2, 2½, 3, 4 & 6"
- UL Listed for sizes 2, 2½, 3, 4, 6 & 8"
Max inlet: 2 to 6": 350 psi (24 bar), 8": 175 psi (12 bar), Set: 30 - 165 psi (2 - 11.5 bar).
Order "A3" or "25" End Connections code for pressure rating above 250 psi (17 bar)
- Pre-action & Dry Pipe Valves Including Full Trim (A) and Trimmed Check Valve
- 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
- Replace the first code digit with "7" when 700 valve is selected

BERMAD Standard Configuration



BERMAD Fire Protection

Ordering Guide

G		C		A5		PR		4DC		NN		7P7K			
Valve Pattern		Code		Voltage - Main Valve Position (When Solenoid De-Energized)		Code		Options		Code					
Globe Type (400 Standard)	G	Ductile Iron (Standard)	C	24VDC - N.C. (Standard)	4DC	Pressure Switch, General Purpose ⁽⁸⁾	P	Ex Proof Pressure Switch ⁽⁸⁾	P7	EEExd ATEX Pressure Switch ⁽⁸⁾	P9	Single Limit Switch, General Purpose	S		
Y Type (700 only)	Y	Cast Steel	S	24VDC - N.O.	4DO	Single Ex Proof, Limit Switch	S7	Single EEExd Proximity Limit Switch	S9	Double EEExd Proximity Limit Switch	SS9	Pressure Gauge Assembly ⁽⁸⁾	6		
Angle (700 only)	A	Stainless Steel 316	N	24VDC - Magna Latch	4DS	Pressure Gauge Assembly ⁽⁸⁾	6	S.S. Glycerin Pressure Gauge Assembly ⁽⁸⁾	6n	Monel Pressure Gauge Assembly ⁽⁸⁾	6m	Ex Proof NEC Class 1 Div.1 Solenoid	7		
Body Material		Code		Tubing & Fittings		Code						EEExd ATEX Solenoid		9	
Ductile Iron (Standard)	C	Stainless Steel 316	N	Stainless Steel 316 (Standard)	NN	Drip Check ⁽⁹⁾	DC	Drain Valve ⁽⁹⁾	DV	Manual Emergency Release Box ⁽⁹⁾	D	Mechanical Latching	H		
Cast Steel	S	Stainless Steel 316	N	Monel	MM	Water Motor Alarm Assembly ⁽⁸⁾	W	Special Elastomer ⁽¹⁰⁾	E	Large Control Filter	F	Valve Position Indicator	I		
Bronze	B	Stainless Steel 316	N			Valve Position Indicator	I	Junction Box	J	S.S. Solenoid Valve	K	S.S. 316 Trim Accessories ⁽¹¹⁾	N		
Nickel Al. Bronze	U	Stainless Steel 316	N			S.S. Solenoid Valve	K	S.S. 316 Trim Accessories ⁽¹¹⁾	N	Pressure Transmitter ⁽⁸⁾	Q				
End Connections		Code													
ANSI #150RF (Standard)	A5														
ANSI#150FF	a5														
ANSI#300RF ⁽¹⁾	A3														
ISO-PN16	16														
ISO-PN25 ⁽¹⁾	25														
Grooved ANSI C-606-81 ⁽²⁾	VI														
Coating		Code													
Polyester Red (Standard)	PR														
High Built Epoxy Red	ER														
Uncoated	UC														

For others consult BERMAD.

Notes:
 (1) 700 Models only
 (2) For 2", 3", 4", 6" and 8" only
 For others consult BERMAD.

For others consult BERMAD.

Notes:
 (8) Instrument Supplied loose.
 (9) Available for Models 3D, 4D, 5D, 6D, 3DC, 4DC, 5DC & 6DC only.
 (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-75, Air Maintenance Device w/Regulator for External Pressure Supply - All S.S 316 / Consult Bermad	Consult Bermad
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	29204S1093


BERMAD Standard Configuration




Fire Protection Ordering Guide

BERMAD

Water Control Solutions


BERMAD
Waterworks


BERMAD
Fire Protection


BERMAD
Petroleum


BERMAD
Irrigation


BERMAD
Landscape



Bermadfire@bermad.com • www.bermad.com

The information herein is subject to change without notice. BERMAD shall not be held liable for any errors. All rights reserved.
© Copyright by BERMAD. POXPE11