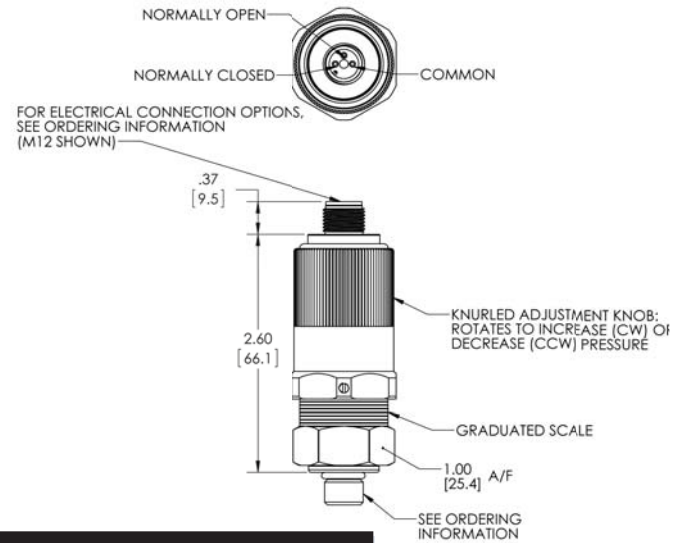


BMA/BMF Pressure Switch Hand Adjustable



Model	Adjustment Range		Avg. Differential		Repeatability
	PSI	Bar	of Full Set Point Range		
1	20 - 435	0.7 - 30	10 - 20%	Diaphragm	± 3 psi (0.21 bar) + 3% of setting
2	550 - 5500	35 - 379	10 - 15%	Piston	± 15 psi (1.03 bar) + 2% of setting
3	5000 - 7500	345 - 517	10 - 15%	Piston	± 30 psi (2.07 bar) + 2% of setting
4	1500 - 7500	103 - 517	10 - 15%	Piston	± 90 psi (6.2 bar) + 5% of setting

ELECTRICAL:

Standard: 10A, 125/250VAC - U.L. Recognized
10A, 12/24VDC - U.L. Recognized
Option -7: 0.1A, 125/250VAC, 30 VDC - U.L. Recognized
Gold contacts may be required for less than 12 VDC and 20 milliamps

WETTED MATERIAL:

Diaphragm/Seal: Buna-N (Standard)
(optional: EPDM, VITON®, Low Temp Nitrile)
Piston: Steel (For High Pressure Ranges)
Housing: Brass (standard)
(optional: 316 Stainless Steel)

PROTECTION:

Exposed Terminals – IP00
DIN HC - IP65
Flying Leads, M12, &
Deutsch Integral, Packard - IP69

SWITCH TYPE:

Snap Action

MECHANICAL LIFE:

1,000,000 cycles

MEDIA TEMPERATURE RANGE:

Buna – N: -15° to +230°F (-26° to 110°C)
EPDM: -10° to +250°F (-23° to 121°C)
VITON®: 0° to +302°F (-18° to 150°C)
(® Registered Trademark of DuPont)
Low Temp Nitrile: -40° to 230°F
(-40° to 110°C)

MAXIMUM OVERPRESSURE:

Range 1; Static 9000 PSI (620 Bar)
Dynamic 7500 PSI (517 Bar)
Ranges 2,3 & 4 Static: 25,000 PSI (1725 Bar)
Dynamic: 15,000 PSI (1034 Bar)

WEIGHT:

0.4 lbs (0.18 kg)

[For Certifications and Approvals: Please Inquire]

Please note: Factory Set Switches (Model BMF) are permanently set and are non-adjustable.

ORDERING INFORMATION

BMA	- * 2	- * R	- 4M	- C	- H	- * 1
Model	Set Point	Direction	Port Size	Circuit	Terminal	Options
BMA - Field Adjustable	See Above Adjustment Ranges	R - Rising F - Falling BR - Bar Rising BF - Bar Falling	2M - 1/8 NPT 4M - 1/4 NPT 2G - 1/8 BSPP 4F - 1/4" NPT Female 4G - 1/4 BSPP (undercut for an o-ring seal) 4GS - 1/4 BSPP (no undercut) 4S - 7/16X20 SAE MALE 4SW - 7/16X20 SAE Swivel 6S - 9/16X18 SAE MALE M10 - M10X1 * M12 - M12X1.5 *	A - SPST / NO B - SPST / NC C - SPDT	SP - 1/4" x 1/32" Spade TS - 6-32 Terminal Screws FL - 18" Flying Leads FLL - Advise additional length of leads if required H - DIN 43650A Male Half Only HC - DIN 43650A Cable Clamp HN - DIN 43650A 1/2 Conduit (female) HCC - XXX (Specify Length in Inches) DI - Deutsch Integral (2 pin only) M12 - M12 X 1 * (up to 5 amp rating)	* - Omit If Standard 1 - VITON® Diaphragm/ Seal 2 - EPDM Diaphragm/ Seal 15 - Low Temp Nitrile Diaphragm/ Seal 4 - 316 SS Housing 5 - Spiral Restrictor 6 - Oxygen Cleaned (Only Available for Model 1 - Diaphragm) 7 - Gold Contacts 21 - Large Silver Adjustment Sleeve
BMF - Factory Set	Model BMF Specify Set Point Required	*Omit For Model BMA	* Consult Factory for Specials.		* See Page 49 for other electrical termination options	