

Ruelco



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MP-H12 Hydraulic Relay

Model 10A1

MP-H2

Hydraulic Reset Relay

FEATURES

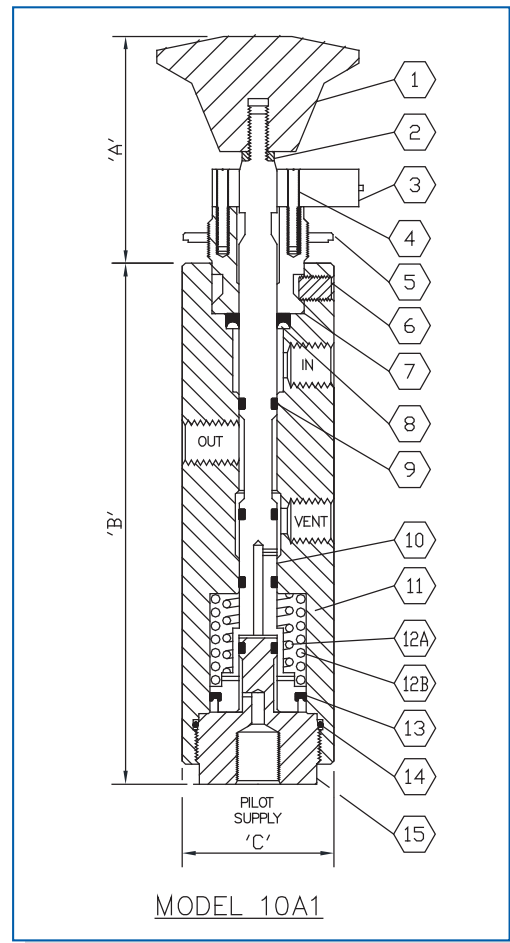
- 316 stainless steel construction (models to N.A.C.E. MR0175 available).
- Easy to close with pilot signal pressures as high as 100 PSI.
- Large Cv factor assures fast system response.
- For use in hydraulic systems.
- 'Lock closed' design prevents relay from automatically opening.
- Viton and nitrile seals are utilized for dependability.
- Design minimizes malfunctions due to supply system debris.
- Inconel X-750 20 PSI spring assures dependability in most corrosive environments

OPTIONS

- 30 PSI closing spring.
- Stem protector to prevent external debris accumulation on relay shaft.
- Double detent assembly.
- Remote reset override.
- ATEX Certified models available upon request.

GENERAL DESCRIPTION:

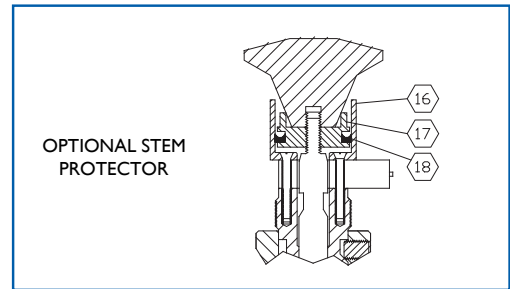
The Ruelco MP-2 relay is a multi-pressure control valve for production control and safety systems. It functions as a manual reset, pilot operated, normally closed, block and bleed valve.



MODEL 10A1

Parts List For MP-H2 Relay

ITEM	QTY.	DESCRIPTION	MATERIAL	PART No.
1A	1	BLACK KNOB	PHENOLIC	Z0-200-001
1B	-	RED KNOB	PHENOLIC	Z0-200-002
1C	-	GREEN KNOB	PHENOLIC	Z0-200-003
2	1	LOCK NUT	316 ST. STL	T6-08K-0F3
3	1	DETENT ASSEMBLY	316 ST. STL	10-005-000
4	2	SCREW	316 ST. STL	T3-632-0G3
5	1	PANEL MOUNT NUT	316 ST. STL	10-006-000
6	3	SET SCREW	316 ST. STL	T1-08K-0C3
7	1	MOUNTING HEAD	316 ST. STL	10-007-000
8*	1	HEAD SEAL	NITRIL	NU-204-70H
9*	4	SHAFT SEAL	VITON	V0-009-90H
10	1	SHAFT ASSEMBLY	316 ST. STL	10-023-00H
11	1	BODY	316 ST. STL	10-020-000
12A	1	SPRING	INCONEL X-750	10-017-000
12B	1	HYDRAULIC SPRING	INCONEL X-750	V0-009-90T
13*	1	PISTON SEAL	NITRIL	NU-209-70H
14*	1	BASE SEAL	VITON	V0-025-75H
15	1	BASE	316 ST. STL	10-021-000
16*	1	STEM PROTECTOR HOUSING	DELTRIN	10-015-000
17*	1	SEAL WASHER	DELTRIN	10-016-000
18#	1	STEM PROTECTOR SEAL	NITRIL	NU-210-70H
19	-	REP. KIT W/O PROTECTOR	* ITEMS	10-013-0A0
20	-	REP. KIT W/ PROTECTOR	* & # ITEMS	10-026-000



OPTIONAL STEM PROTECTOR

Specifications PSI. (Bar)

VALVE BODY MAX. W.P.	150 (10.3)
AMBIENT TEMP. RANGE	-20° TO 250° F -29° TO 122° C
MINIMUM PILOT SIGNAL PRESSURE TO HOLD RELAY OPEN	65 (4.5)
Cv FACTOR	1.7

Dimension Inch (MM)

"A" (CLOSED/OPEN)	2.36/2.73 (60/ 69.3)
"B"	5.18 (132)
"C"	1.5 (38.1)
PORT SIZE	1/4" NPT
PANEL MOUNT HOLE	1.0 (25.4)
MAX. PANEL THICKNESS	.18 (4.6)
WEIGHT	2.5 LBS (1.14 KG)

ORDERING CODE: 10A1 X 2 X 5 X 0

