

Function	Flow [max]	Manifold mounting	Series
3/2 NC, Universal	Up to 0.08 Cv	Manifold mount - Non plug-in	BV310A

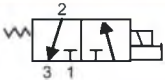
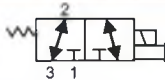
OPERATIONAL BENEFITS

1. Short stroke with high shifting forces
2. Balanced poppet, immune to pressure fluctuations
3. Precise repeatability
4. Solenoid isolated from contaminated air
5. Very few parts
6. Extremely long life



HOW TO ORDER

HOW TO ORDER VALVE

Type	3 Way N.C.	3 Way Universal
		
Manifold Mount - Non plug-in	BV310A-LC1-00-xxxx-xxx	BV310A-LD1-00-xxxx-xxx

SOLENOID OPERATOR

X XX X - X XX				
Solenoid	Voltage	Lead wire length	Solenoid can (round)	Solenoid cover
B Round	HA 24VDC (1.0W) HB 24VDC (1.8W) HC 24VDC (2.5W) HD 24VDC (3.0W) HE 24VDC (4.0W) HF 12VDC (1.0W) HG 12VDC (1.8W) HH 12VDC (2.5W) HJ 12VDC (3.0W) HK 12VDC (4.0W)	0 No lead wire A 18" B 24" C 36" D 48" E 72" F 96" H 144"	B Cover For Manifold Body	JST Connector Flying Leads TA No ground wire BA TC Blocking & suppr. BC diode & LED (no ground) TE Blocking & suppr. BE diode (no ground) TG LED (no ground) BG TJ MOV (no ground) BJ TL LED & MOV BL (no ground)

* High wattage - high speed options - consult factory

** ERC wattage reduction options - consult factory

* M8 (pico) connector - Consult factory

HOW TO ORDER NON PLUG-IN CIRCUIT BAR

Port size	Spacing (mm)	Side cylinder port	Bottom cylinder port
# 10-32 UNF	12	CBMV10A-00ABA-xx	CBMV10A-00BBA-xx
M5	12	CBMV10A-00ABB-xx	CBMV10A-00BBB-xx
M7	12	CBMV10A-00ABC-xx	CBMV10A-00BBC-xx

xx = Number of stations

Note: for valves mounted to bar at factory, add -9 to model number.

OPTIONS

BV310A- LC 1 -00-xxxx-xxx

Replace with "0" for no manual operator

How to order bar configured for regulator

CBMV10A-00 A BB- xx

Replace with D for regulator - Side ports

Replace with E for regulator - Bottom ports

Note: Regulator must be ordered separately - see back

* High wattage configurations require intermittent duty cycles

**ERC - Energy Reduction Circuitry - Reduces the effectiveness wattage at continuous duty

TECHNICAL DATA

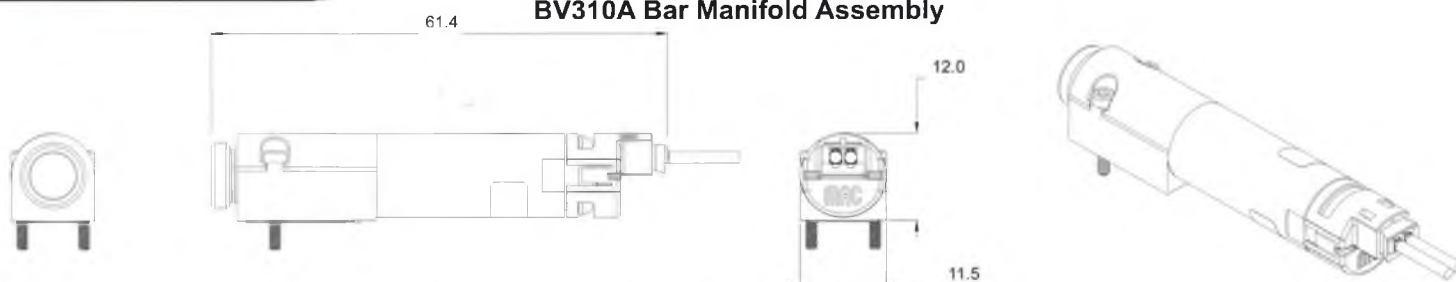
Fluid:	Compressed air, vacuum, inert gases
Pressure range:	Vacuum to 120 PSI
Lubrication:	Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)
Filtration:	40μ
Flow (at 6 bar ΔP=1bar):	Up to 0.08 Cv
Voltage range:	-15% to +10% of nominal voltage

Spare parts:

- Pressure seal, body to base: 16985 • Mounting screw, body to base: 35166 - 2 pcs required
- Regulator for bar: PR44A-A0AX **X =** **A** 0 to 100 PSI
B 0 to 60 PSI
C 0 to 40 PSI
D 0 to 15 PSI

DIMENSIONS

BV310A Bar Manifold Assembly



Without regulator

CBMV10A Circuit bar for BV310

With regulator

BV310A-LCX-00-BXX-0YZZ

