



Actual size

# MULTI-MOUNT SERIES

## Specifications

### Pressure:

**Minimum:** Vacuum

**Maximum:** Brass = 500 psi / no. of stations  
or Acetal = 240 psi / no. of stations

### Temperature:

-40°F to 180°F (-40°C to 82°C)

### Materials:

**Main components:** Acetal or chrome-plated brass

**Thumb latch:** Stainless steel

**Mounting Plate:** Black anodized aluminum

**Valves:** Acetal

**Valve spring:** 316 stainless steel

**External springs and pin:** Stainless steel

**O-ring:** Buna-N

### Tubing Sizes:

1/8" to 3/8" ID, 3.2mm to 9.5mm ID

**Multi-Mount couplings** provide one easy-to-use coupling for connecting from three to five lines at once. Multi-mount couplings are available in a wide variety of materials including acetal and chrome plated brass. Multi-mounts are keyed to prevent mismatched connections and can be configured with or without valves for maximum design flexibility.

### Features

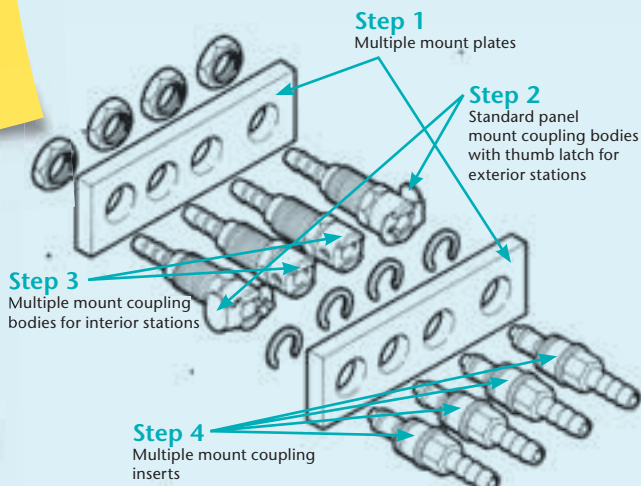
- Three to five line connection
- Separate flow paths
- Insert is keyed to body
- Acetal or chrome-plated brass

### Benefits

- Fast, efficient operation
- Pressure and/or vacuum in one coupling
- Ensures correct line orientation
- Maximize design flexibility

**NOTE:** To order in chrome-plated brass, eliminate the "P" at the beginning of the part number.

- Order requires flow size and terminations.
- Retaining clip is included with each insert.
- Multiple mount inserts are designed for mounting in 1/4" thick plates.



## Four-Step Multi-Mount Ordering Process

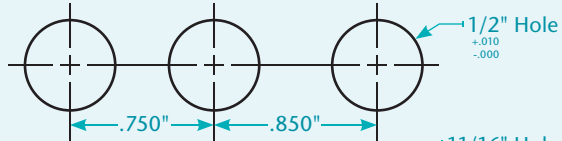
**Step 1:** Order two "multiple mount plates" (one for the coupling bodies and one for the coupling inserts) with the appropriate number of connection stations for your specific application (available in 3, 4, or 5 connections, or construct your own). Refer to page 73.

**Step 2:** Order two "standard panel mount coupling bodies with thumb latches" for the exterior stations.

**Step 3:** Order an appropriate number of "multiple mount coupling bodies without thumb latches" to accommodate the remaining interior stations.

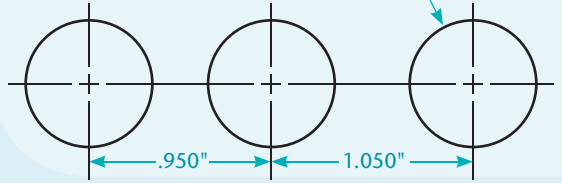
**Step 4:** Order an appropriate number of "multiple mount inserts" to connect with standard and multiple mount bodies.

### MM SERIES 1/8" Flow



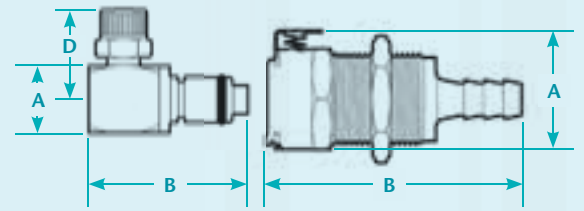
Multiple mount plates are keyed to prevent misconnections.

### LM SERIES 1/4" Flow



Multiple mount minimum coupling spacing: Colder offsets the last hole on the mounting plates so they cannot be misconnected.

### Product Dimensions



A = Height/Diameter  
B = Total Length (including valve)  
D = Elbow Radial Length

### Retaining Rings

COUPLING SERIES	PART NO. (replacements)
MC/PMC	101700
LC/PLC	278100

### Multiple Mount Plates

NUMBER OF STATIONS	1/8" FLOW SIZE	LENGTH	1/4" FLOW SIZE	LENGTH
3	CP103	2.60	LCP103	3.00
4	CP104	3.35	LCP104	3.35
5	CP105	4.10	LCP105	4.90



Turquoise shading indicates 1/8" flow couplings. These are not compatible with 1/4" flow couplings in non-shaded sections.

### Coupling Bodies

#### ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
PANEL MOUNT FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM1204	PMMD1204	.72	1.72
	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PLM12004	PLMD12004	.94	1.82
	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	PLM12006	PLMD12006	.94	1.95
PANEL MOUNT HOSE BARB	1/8" ID	3.2mm ID	PMM1602	PMMD1602	.72	1.65
	3/16" ID	4.8mm ID	PMM1603	PMMD1603	.72	1.85
	1/4" ID	6.4mm ID	PMM1604	PMMD1604	.72	1.85
	1/4" ID	6.4mm ID	PLM16004	PLMD16004	.94	1.95
	5/16" ID	7.9mm ID	PLM16005	PLMD16005	.94	1.95
	3/8" ID	9.5mm ID	PLM16006	PLMD16006	.94	1.95
PANEL MOUNT FEMALE THREAD	10-32 UNF		PMM181032	PMMD181032	.72	1.25



### Coupling Inserts

#### ACETAL

TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B	D
IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	PMM20025	PMMD20025	.58	1.86/1.96	
	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM2004	PMMD2004	.58	1.77/1.87	
	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PLM20004	PLMD20004	.72	2.10/2.23	
	3/8" OD, .25" ID	9.5mm OD, 6.4mm ID	PLM20006	PLMD20006	.72	2.02/2.15	
IN-LINE HOSE BARB	1/8" ID	3.2mm ID	PMM2202	PMMD2202	.56	1.87/1.97	
	3/16" ID	4.8mm ID	PMM2203	PMMD2203	.58	2.08/2.18	
	1/4" ID	6.4mm ID	PMM2204	PMMD2204	.58	1.83/1.93	
	1/4" ID	6.4mm ID	PLM22004	PLMD22004	.72	2.20/2.33	
	5/16" ID	7.9mm ID	PLM22005	PLMD22005	.72	2.20/2.33	
	3/8" ID	9.5mm ID	PLM22006	PLMD22006	.72	2.03/2.16	
ELBOW FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM2104	PMMD2104	.53	1.41/1.51	.77



All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted. †NOTE: Colder's Ferruleless Polytube Fitting terminations do not require ferrules to achieve a secure connection, which makes them easier to use and reuse. PTF fittings are designed for semi-rigid tubing, i.e., polyethylene, nylon, polyurethane, etc.



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