



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

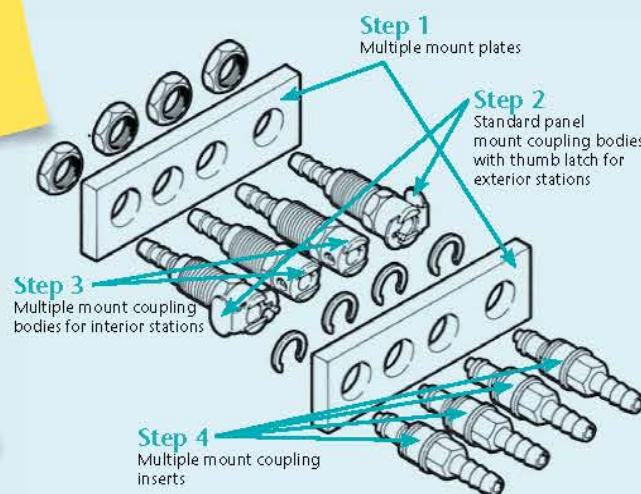
- Three to five line connection
- Separate flow paths
- Insert is keyed to body
- Acetal or chrome-plated brass

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.

- 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: Determine flow size and termination type.

Step 2: 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 3: Order two "standard panel mount coupling bodies with thumb latches" for the exterior stations.

Step 4: Order an appropriate number of "multiple mount coupling bodies without thumb latches" to accommodate the remaining interior stations.

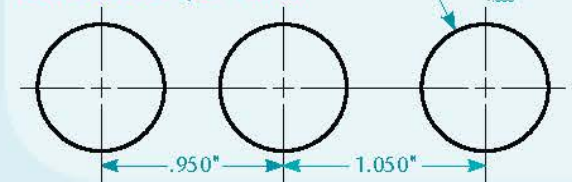
Step 5: Order an appropriate number of "multiple mount inserts" to connect with standard and multiple mount bodies.

MM SERIES 1/8" Flow



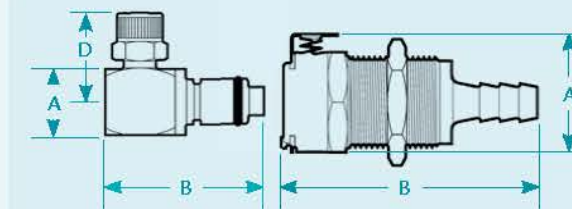
Multiple mount plates are keyed to prevent misconnections.

LM SERIES 1/4" Flow



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

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	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM1204	PMMD1204	.72	1.72
PANEL MOUNT FERRULELESS	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PLM12004	PLMD12004	.94	1.82
POLYTUBE FITTING, PTF†	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
PANEL MOUNT HOSE BARB	3/16" ID	4.8mm ID	PMM1603	PMMD1603	.72	1.85
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	PMM1604	PMMD1604	.72	1.85
PANEL MOUNT HOSE BARB	1/4" ID	6.4mm ID	PLM16004	PLMD16004	.94	1.95
PANEL MOUNT HOSE BARB	5/16" ID	7.9mm ID	PLM16005	PLMD16005	.94	1.95
PANEL MOUNT HOSE BARB	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
IN-LINE FERRULELESS	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	PMM20025	PMMD20025	.58	1.86/1.96
IN-LINE FERRULELESS	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM2004	PMMD2004	.58	1.77/1.87
POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PLM20004	PLMD20004	.72	2.10/2.23
POLYTUBE FITTING, PTF†	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
IN-LINE HOSE BARB	3/16" ID	4.8mm ID	PMM2203	PMMD2203	.58	2.08/2.18
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PMM2204	PMMD2204	.58	1.83/1.93
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PLM22004	PLMD22004	.72	2.20/2.33
IN-LINE HOSE BARB	5/16" ID	7.9mm ID	PLM22005	PLMD22005	.72	2.20/2.33
IN-LINE HOSE BARB	3/8" ID	9.5mm ID	PLM22006	PLMD22006	.72	2.03/2.16
ELBOW FERRULELESS	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMM2104	PMMD2104	.53	1.41/1.51
POLYTUBE FITTING, PTF†						.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.