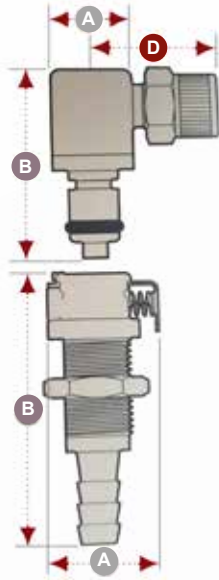


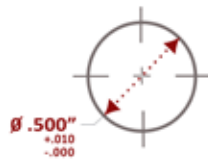
## Colder Products Company : PMC12 Series



**A** = Height/Diameter  
**B** = Total Length  
**D** = Elbow Radial Length

### Technical Specification

- Pressure: Vacuum to 120 psi, 8.3 bar
- Temperature: 32°F to 160°F (0°C to 71°C)
- Colour: Almond
- Tubing sizes: Microbore to 1/4" ID, Microbore 6.4mm ID
- Sterilisation: Up to 50 kGy irradiation
- Materials:
  - Main components and valves: Polypropylene
  - Thumb latch: Stainless Steel
  - Valve spring: 316 Stainless Steel
  - External springs and pin: Stainless Steel
  - O-Rings: EPDM



	Panel Opening	Panel Thickness Max. - Min.	Panel Nut Hex	Panel Nut Thread
Coupling Bodies	See Drawing	.50 - .05	5/8	1/2 - 24UNF
Coupling Inserts	See Drawing	.30 - .06	5/8	1/2 - 24UNF

**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customers responsibility to test the suitability of Colder products in their own application conditions.

### Polypropylene Coupling Bodies

Termination	Thread Size	Metric EQ.	Straight Thru	Shut Off	A	B
In-Line Pipe Thread	1/8" NPT		PMC100212	PMCD100212	.88	1.00
	1/8" BSPT		PMC100212BSPT	PMCD100212BSPT	.88	1.00
	1/4" NPT		PMC100412	PMCD100412	.88	1.10
	1/4" BSPT		PMC100412BSPT	PMCD100412BSPT	.88	1.10
Panel Mount Ferruleless Polytube Fitting, PTF+	1/4"OD, .17" ID	6.4mm OD, 4.3mm ID	PMC120412	PMCD120412	.79	1.72
Panel Mount Hose Barb	1/16" ID	1.6mm ID	PMC160112	PMCD160112	.88	1.40
	1/8" ID	3.2mm ID	PMC160212	PMCD160212	.88	1.65
	1/4" ID	6.4mm ID	PMC160412	PMCD160412	.88	1.85



## Colder Products Company : PMC12 Series

### Polypropylene Coupling Bodies (Continued)

Termination	Thread Size	Metric EQ.	Straight Thru	Shut Off	A	B
In-Line Ferruleless Polytube Fitting, PTF	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMC130412	PMCD130412	.89	1.74
In-Line Hose Barb	1/16" ID	1.6mm ID	PMC170112	PMCD170112	.89	1.42
	1/8" ID	3.2mm ID	PMC170212	PMCD170212	.89	1.67
	1/4" ID	6.4mm ID	PMC170412	PMCD170412	.89	1.87



### PMC12 Polypropylene 1/4 - 28 Coupling Bodies

Panel Mount With a 1/4 - 28 Flat Bottom Port				PMCD18042812	0.88	1.57
In-Line with a 1/4 - 28 Flat Bottom Port				PMCD19042812	0.89	1.57



### Polypropylene Coupling Inserts

Termination	Thread Size	Metric EQ.	Straight Thru	Shut Off	A	B	D
In-Line Pipe Thread	1/8" NPT		PMC240212	PMCD240212	.58	1.03/1.45	
In-Line Ferruleless Polytube Fitting, PTF†	1/4"OD, .17" ID	6.4mm OD, 4.3mm ID	PMC200412	PMCD200412	.58	1.15/1.58	
	1/16" ID	1.6mm ID	PMC220112	PMCD220112	.50	.80/1.47	
	1/8" ID	3.2mm ID	PMC220212	PMCD220212	.50	1.05/1.67	
Elbow Ferruleless Polytube Fitting, PTF†	5/32" OD, .10" ID	4.0mm OD, 2.5mm ID	PMC2102512	PMCD2102521	.50	1.09/1.21	.77
	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	PMC210412	PMCD210412	.50	1.71/1.21	.77
Elbow Hose Barb	1/8" ID	3.2mm ID	PMC230212	PMCD230212	.50	1.09/1.21	.69
	1/4" ID	6.4mm ID	PMC230412	PMCD230412	.50	1.09/1.21	.90

(non valved shown)



## Colder Products Company : PMC12 Series

### PMC12 Polypropylene 1/4 - 28 Coupling Inserts

Termination	Thread Size	Metric EQ.	Straight Thru	Shut Off	A	B	D
In-Line With 1/4 - 28 UNF Threads			PMC24042812	PMCD24042812	0.50	1.48	
Panel Mount with a 1/4 - 28 Flat Bottom Port				PMCD48042812	0.72	1.55	



All the measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

†NOTE: CPC's Ferruleless PTF (Poly tubing) terminations do not require ferrules to achieve a secure connection and are therefore easier to use and reuse. PTF fittings are designed for semi-rigid tubing, i.e., Polyethylene, Nylon, Polyurethane, ect.

