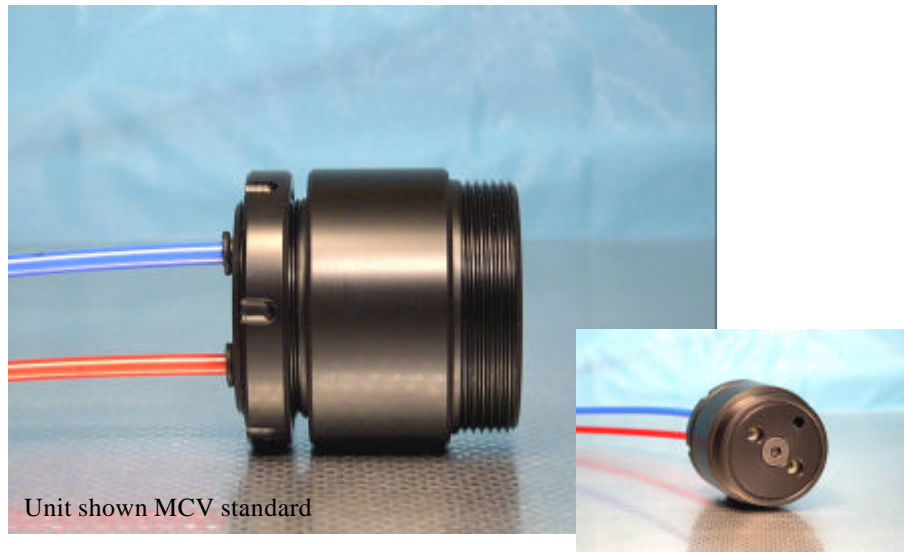


## MCVH series — Metric Socket assembly



### Why choose an MCVH Socket?

The MCVH series is designed to enable quick precise connection in applications requiring multiple air lines. The socket carry's a shut off valve for each individual tube. Until the plug is fully connected no air will pass from the socket or the system behind it. Units are manufactured from Stainless Steel, with the exception of the core & fittings, units are designed for use where protection against contaminant or physical damage is required. The socket is designed for use in a fixed application, usually panel or frame mounted.

Up to 16 tubes can be connected with one simple operation and with just one hole in the panel or bulkhead.

The unique locating device & precision engraving of the tube numbering ensures mismatched tubes are impossible. The standard material used ensures good resistance to chemical contamination and excellent operational durability at both low and high ambient temperatures.

The pleasing cosmetic appearance of the assembly ensures it will sit discretely in most applications.

All the push in fittings used are barb free and tubes can be therefore fitted and removed countless times without any damage to the connector or application.

The cost of the MCVH connector range ensures that not only is it superior functionally, but will save time in installation and in future maintenance situations.

### What other products can we utilise with the MCVH Standard

MCVH Plugs (usually used as floating half mounted on Hose or umbilical assemblies, see data sheet in this section).

MCH Dust Caps (as shown above, designed to prevent contaminants getting into the threads or fittings during periods when the socket is not connected to the socket, see data sheet in MCH section).

Umbilical assemblies (Pneu-Therm can custom build your umbilical to enable simple installation of flexible hose sets up to 50 metres long, see data sheet in Umbilical section for the standard range available or contact our sales office for Technical assistance.

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## MCVH series — Metric Socket Assembly

### Technical Data

Fittings	:	Legris carstick as standard
Body Material	:	303 stainless steel
Internal Parts	:	Precision ground Acetal
O rings	:	Nitrile
Lubrication	:	Silicone free food grade EP2 grease
Maximum pressure	:	18 bar
Vacuum capacity	:	Reduced pressure to 755 mm .hg
Operating temperature range	:	- 40°C to 80°C
Acceptable panel thickness	:	0 to 5 mm (.190")
Working medium	:	Compressed Air (for others please consult factory)
Place of origin	:	With the exception of the fittings & O rings, all manufactured in the UK
Standard tube sizes	:	4 mm, 6 mm, 8 mm, 10 mm
Dimensions	:	See drawing section in this brochure

### Stock Sizes

Part number	Tube size	Number of ways	Body size
C-MCVH0402S50	4 mm	2	50 mm
C-MCVH0404S50	4 mm	4	50 mm
C-MCVH0406S50	4 mm	6	50 mm
C-MCVH0407S50	4 mm	7	50 mm
C-MCVH0408S70	4 mm	8	70 mm
C-MCVH0410S70	4 mm	10	70 mm
C-MCVH0412S70	4 mm	12	70 mm
C-MCVH0416S75	4 mm	16	75 mm
C-MCVH0602S50	6 mm	2	50 mm
C-MCVH0604S50	6 mm	4	50 mm
C-MCVH0606S50	6 mm	6	50 mm
C-MCVH0607S50	6 mm	7	50 mm
C-MCVH0802S50	8 mm	2	50 mm
C-MCVH0804S50	8 mm	4	50 mm
C-MCVH0806S70	8 mm	6	70 mm
C-MCVH0808S70	8 mm	8	70 mm

Other configurations, including mixed tube sizes available to order

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