



MINIFOLDS

SERIES 900

ALUMINIUM AIR DISTRIBUTION MANIFOLDS



940



950



971



975

Replace complex assemblies of valves and fittings with anodised aluminium **MINIFOLDS**.

- 5, 10 OR 20 OUTLETS
- COMPREHENSIVE RANGE
- ALSO AVAILABLE IN 316 STAINLESS STEEL
- READILY AVAILABLE
- SAVE SPACE
- REDUCE COSTS

Originally developed for instrument air supplies within control panels, **MINIFOLDS** are now available for the distribution of gaseous and liquid media in petro-chemical, marine and general industrial applications.

Minifold blocks have tapped inlet connections at both ends, connect to one and plug the other, or connect minifolds in series. Their compact construction makes them ideal for use in panels and confined spaces.

Series 940

Use a thermoplastic valve spindle in a brass body and are available in 5 ways or 10 ways with a 15mm nominal bore. Outlet connections are ready to use, push in your tube and tighten up the nut.

Series 950

Use the same output valves as the Series 940 but give twice as many outputs for a given length of manifold block. They are available in 10 ways or 20 ways with a 25mm nominal bore. Outlet connections are ready to use, push in your tube and tighten up the nut.

Series 971

Have 1/4" tapped outlet connections for your preferred pipe fittings. They are available in 5 ways or 10 ways with a 18mm nominal bore. Also available with 6mm push-in connections.

Series 975

A larger version of the Series 971 these have 3/8" tapped outlet connections for your preferred pipe fittings. They are available in 5 ways or 10 ways with a 25mm nominal bore.

For information on **316 stainless steel MINIFOLDS** please refer to technical datasheets TD900 MST and TD900 MBV. HNL can also provide custom made manifold blocks, options include -

- User specified valves
- Bare manifold blocks
- Different number of ways

Please consult HNL Sales Support.

MINIFOLD® is a registered trademark of HNL.

QUALITY ASSURANCE

Designed and manufactured by HNL in accordance with BS EN ISO 9001:2000.

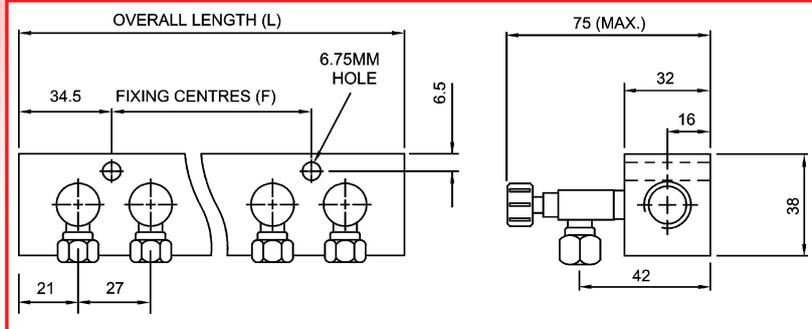
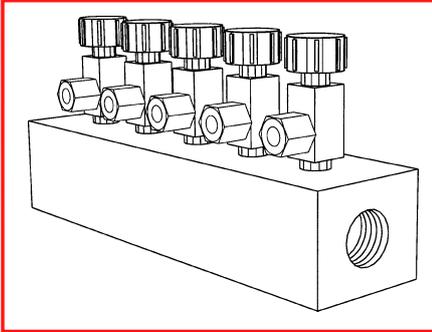


MANUFACTURED IN THE U.K.

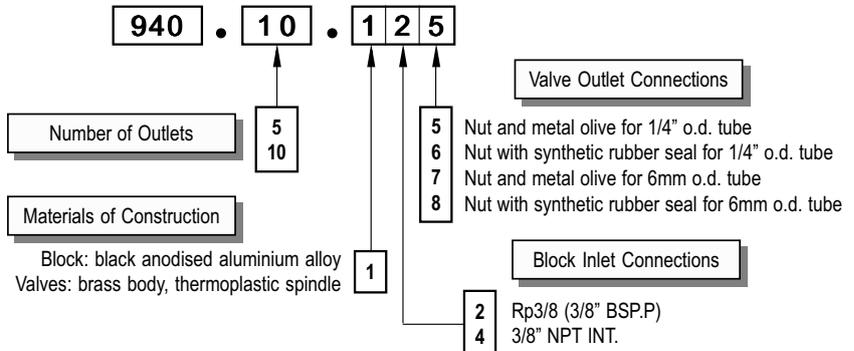


SERIES 940 & 950 MINIFOLDS SPECIFICATIONS & CODING

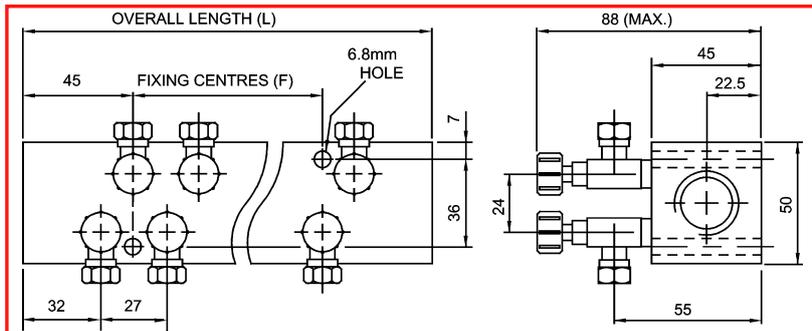
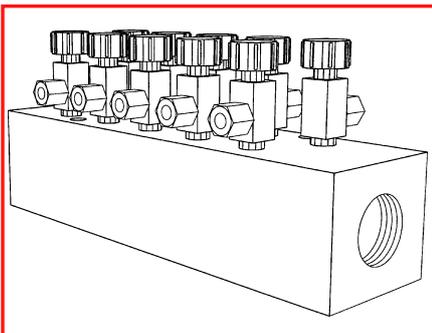
SERIES 940 MINIFOLDS



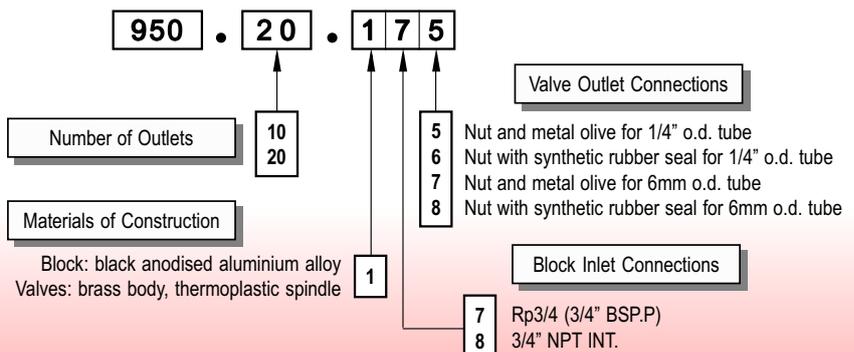
TECHNICAL SPECIFICATION	
BORE SIZE :	15mm nominal
INLET THREAD :	3/8" BSP.P or NPT INT.
OUTLETS :	1/4" or 6mm tube nuts
NUMBER OF VALVES :	5 10
LENGTH L (mm) :	150 285
FIXING CENTRES F (mm) :	81 216
WEIGHT (kg) :	0.57 1.09



SERIES 950 MINIFOLDS



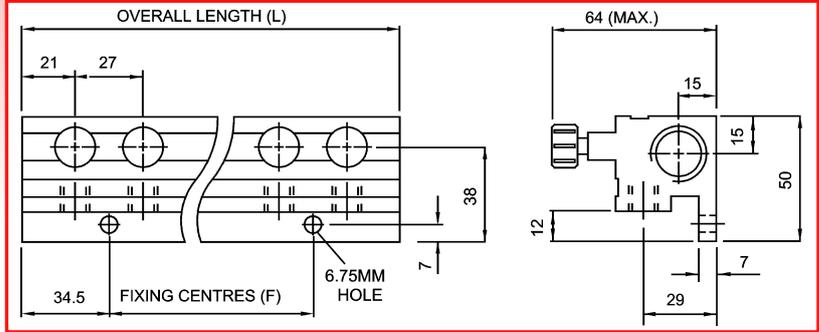
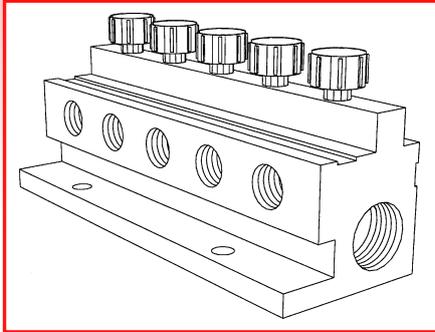
TECHNICAL SPECIFICATION	
BORE SIZE :	25mm nominal
INLET THREAD :	3/4" BSP.P or NPT INT.
OUTLETS :	1/4" or 6mm tube nuts
NUMBER OF VALVES :	10 20
LENGTH L (mm) :	185 320
FIXING CENTRES F (mm) :	95 230
WEIGHT (kg) :	1.13 2.04



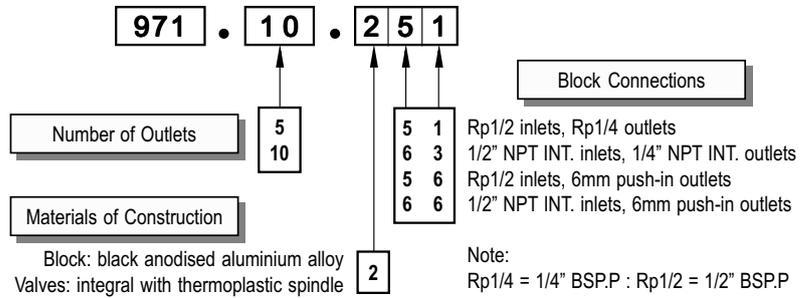


SERIES 971 & 975 MINIFOLDS SPECIFICATIONS & CODING

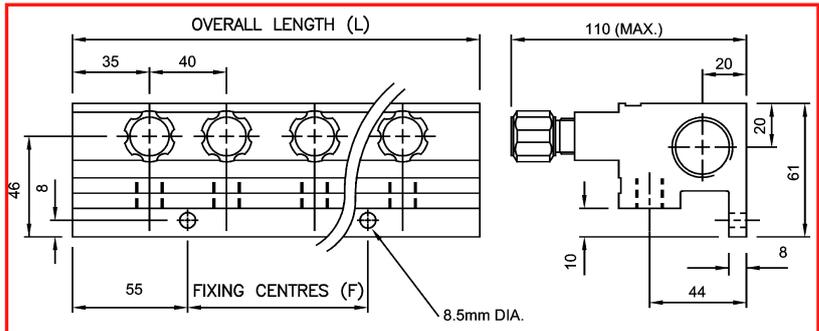
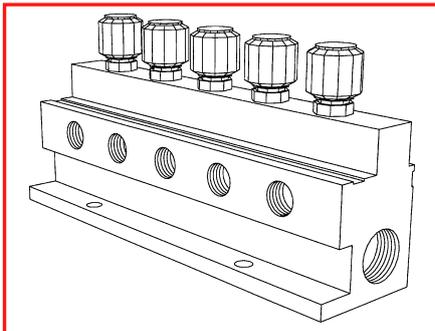
SERIES 971 MINIFOLDS



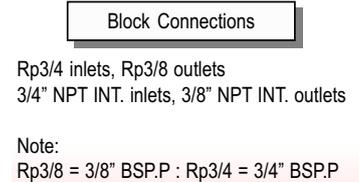
TECHNICAL SPECIFICATION		
BORE SIZE :	18mm nominal	
INLET THREAD :	1/2" BSP.P or NPT INT.	
OUTLETS :	1/4" or 6mm Push-in	
NUMBER OF VALVES :	5	10
LENGTH L (mm) :	150	285
FIXING CENTRES F (mm) :	81	216
WEIGHT (kg) :	0.54	1.04



SERIES 975 MINIFOLDS



TECHNICAL SPECIFICATION		
BORE SIZE :	25mm nominal	
INLET THREAD :	3/4" BSP.P or NPT INT.	
OUTLETS :	3/8" BSP.P or NPT INT.	
NUMBER OF VALVES :	5	10
LENGTH L (mm) :	230	430
FIXING CENTRES F (mm) :	120	320
WEIGHT (kg) :	1.58	2.95





SERIES 900 MINIFOLDS TECHNICAL SPECIFICATIONS

Materials:

Minifold blocks are manufactured in HE30 aluminium, anodised to BS1615: 1987 marine grade.

Series 940 and 950 valve bodies are brass.

Minifold valve spindles are thermoplastic and coloured red for blocks with BSP threads, or grey for blocks with NPT threads. The spindles are fitted with nitrile seals.

Operating Pressure / Temperature:

Vacuum to 10 Bar / -25°C to 90°C.

Process Media:

Air or any clean gas, vapour or liquid which is compatible with the materials of construction.

Series 940 & 950 tube nuts:

These minifolds can be piped with metal, nylon or plastic tube.

For metal or nylon tube use valve outlet codes 5 or 7. The tube nut is supplied with a conventional olive, the ends of which compress into the tube wall.

For soft wall plastic or nylon tube use valve outlet codes 6 or 8. The tube nut is fitted with a synthetic rubber seal, which compresses into the tube wall.

Outlet tagging:

971's and 975's have recessed top and rear faces to accept standard 6mm Dymotape.

Thread standards:

BSP.P is a parallel thread to BS EN ISO 228.

NPT is a tapered thread to ANSI B1.20.1.

Additional Options:

- Minifolds for oxygen duty.
- Increased pressure or temperature ratings.
- Minifold supplied plugged at one end.

Please consult HNL Sales Support.

Stainless steel Minifolds - see data sheet TD900 MST



Stainless steel Minifolds - see data sheet TD900 MBV



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HNL Engineering Ltd comprises three Divisions offering a wide range of products & services which includes:

Instruments & Controls

Pressure, DP and Temperature Switches & Transmitters. Rotary and linear positioners. Flow regulators & Bubblers. Control Systems.

Precision Machining

Turning, Milling, Drilling, Tapping, Sawing, Welding, Painting, Anodising. From small to large batch sizes in a wide range of materials.

Manifolds & Valves

Wide range of distribution manifolds in both anodised aluminium and stainless steel. Stainless steel ball valves.

The information contained in this data sheet may be changed without notice.