





AS-Interface for Heavy-Duty Multimach

Metal Work's family of Multimach valves, which is very popular as it is modular, flexible and compact, has been enriched with a version with an integrated ASI link.

The electronics are housed inside the pneumatic input terminal, giving a compact solution that is protected by an anodised aluminium body.

The following versions are available:

- Electronics with one ASI node, for handling 4 Outputs
- Electronics with two ASI nodes, for handling 8 Outputs
- Handling 4 or 8 Inputs as well as the Outputs. Input links with M8 connector, also integrated in the Multimach island.

Multimach optimises the use of each node. It is possible, at any time and without the need for additional elements, to mount two 5/2 bistable valves or two 5/3 valves or four 5/2 monostable valves or four 3/2 valves or any combination thereof. Likewise, the three sizes can be combined as required, with fittings for 4mm, 6mm or 8mm pipes.

The rate of flow ranges from 200 NI/min with the valve for 4mm pipe to 800 NI/min with the valve for the 8mm pipe.

The operating pressure ranges from a vacuum to 10 bar.

The island's protection rating is IP65. It can withstand vibration of 16 G (16 times the force of gravity) at a frequency range of 0-55 Hz.

In short, top performance, sturdy construction and reliability plus modularity and miniaturisation.

Fig. (3D HDM model with ASI)

A Heavy-Duty Multimach solenoid valve island with AS-Interface