

General

Competitively priced, good performance and versatility combined with a compact design are the main characteristics of this new series of valves. The aluminium valve body and spool/seal arrangement optimize both the flow rate and the valve switching time.

This new series of valves are available with G1/8" and G1/4" ports in 3/2, 5/2 and 5/3 versions. Monostable or bistable versions are available and include an integrated technopolymer solenoid operator with 9mm stem and built in manual override

The valves can be supplied with or without the solenoid coil, however, if the solenoid coil is required please refer to the following table:

Voltages		Coil Code	Voltage Code
Direct current DC	12V (3,5W)	MF4	F04
	24V (3,5W)	MF5	F05
Alternating current AC 50 Hz	24V (3,7W)	MF56	F56
	110V (3,7W)	MF57	F57
	220V (3,7W)	MF58	F58

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Voltages		Kit 100 pieces	
DC/AC	24V	888.11.01L - K	
Alternating current AC 50 - 60 Hz	110V	888.11.02L-K	
	220V	888.11.03L-K	

Construction characteristics

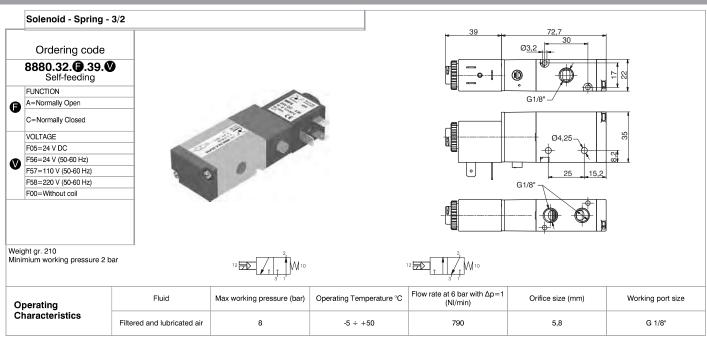
Body	Aluminium
Operators	Technopolymer
	Aluminium for spring bottom plates
Spools	Aluminium
Seals	NBR
Pistons	Technopolymer
Springs	Spring steel

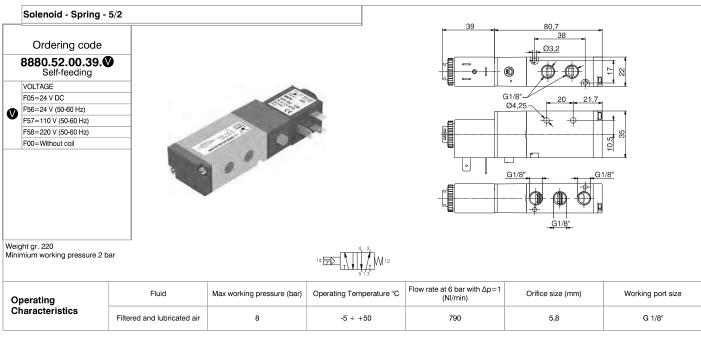
Use and maintenance

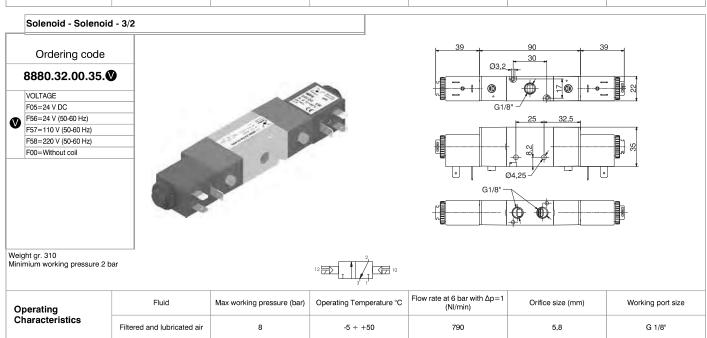
These valves have an average life of 15 million cycles depending on the application and air quality, filtered and lubricated air using specified lubricants will dramatically reduce the wear of the seals and ensures long and trouble free operation.

Please ensure that the valve is being used according with the manufacturers specification, such as air pressure and temperature and that exhaust ports 3 & 5 are protected against the possible ingress of dirt or debris.

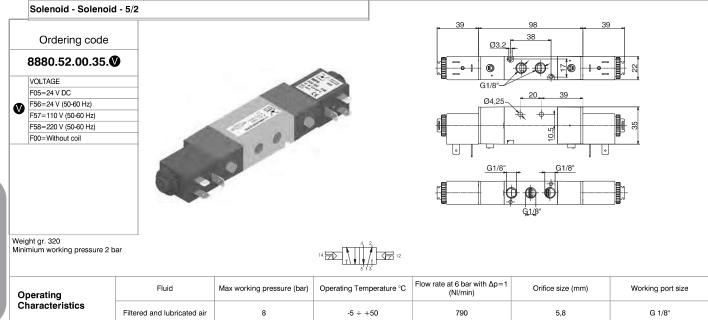
Repair kits including the spool complete with seals are available for overhauling the valves; however, although this is a simple operation it should be carried out by a competent person.

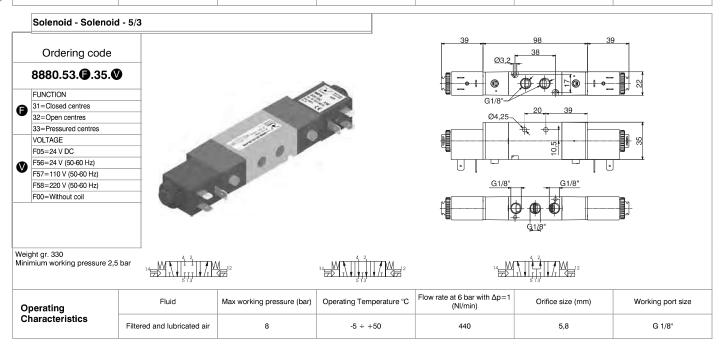




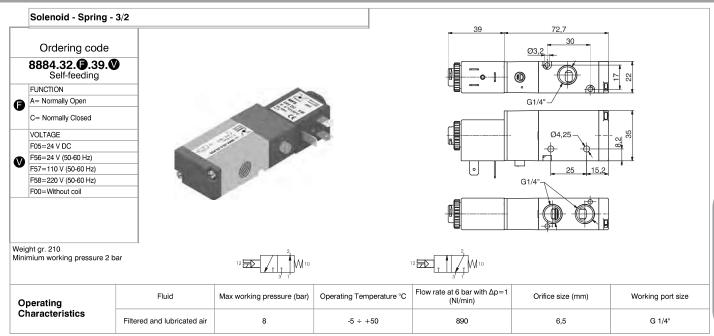


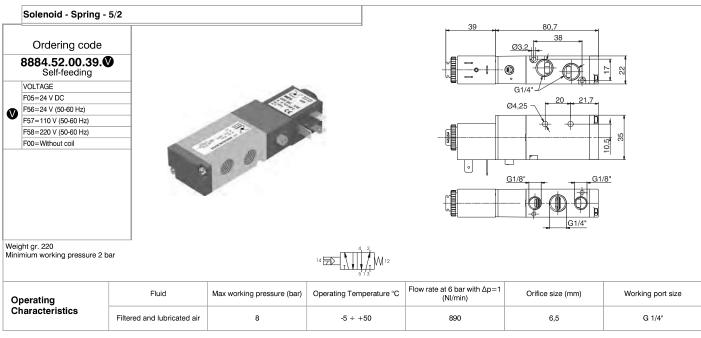


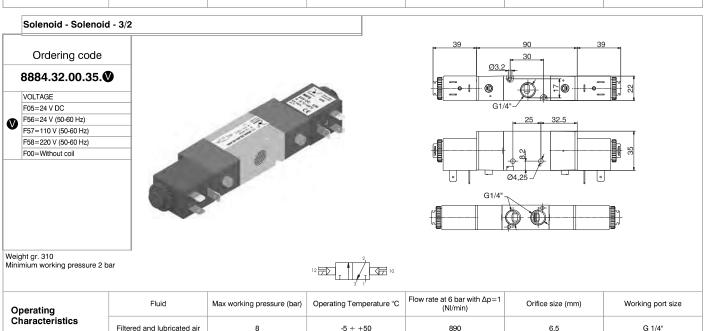




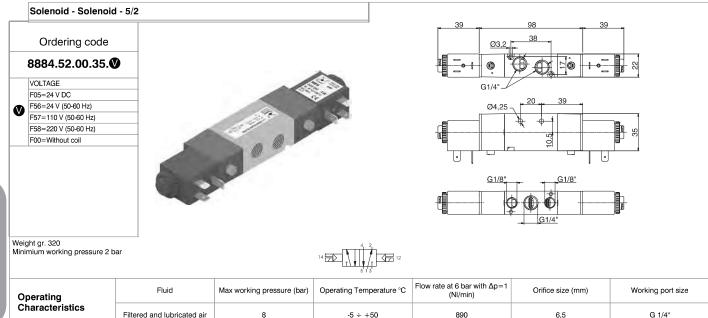


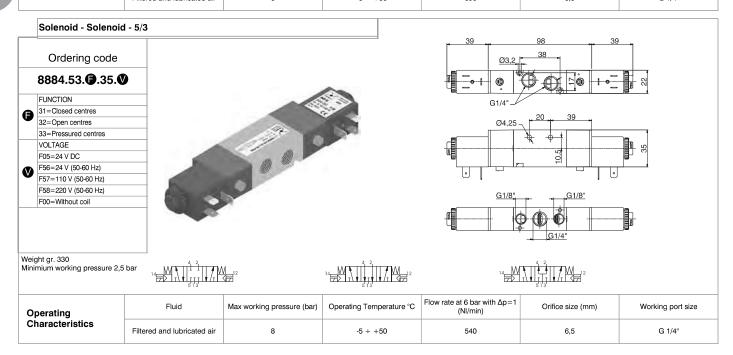




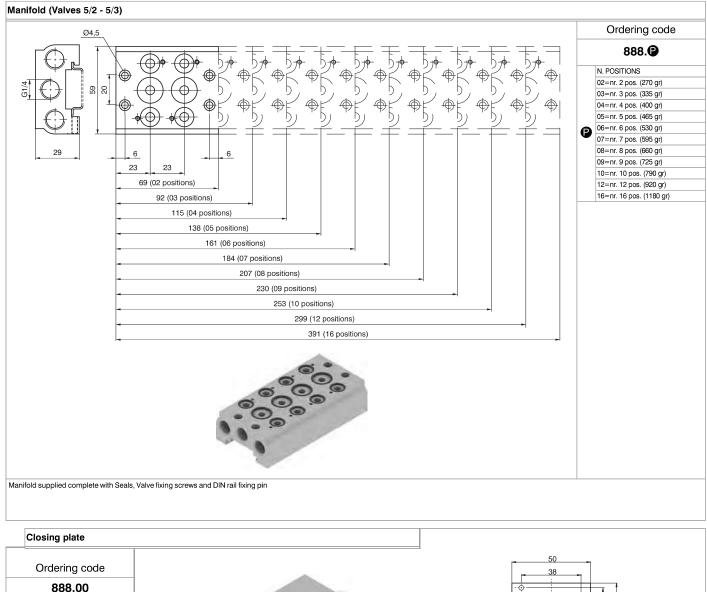




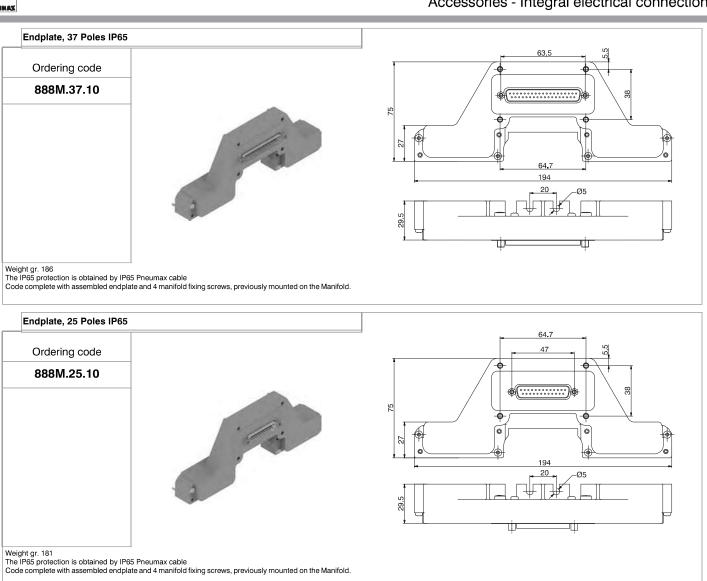


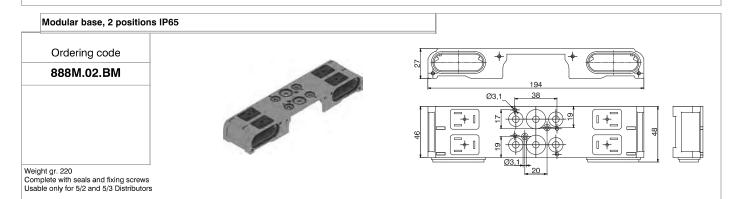




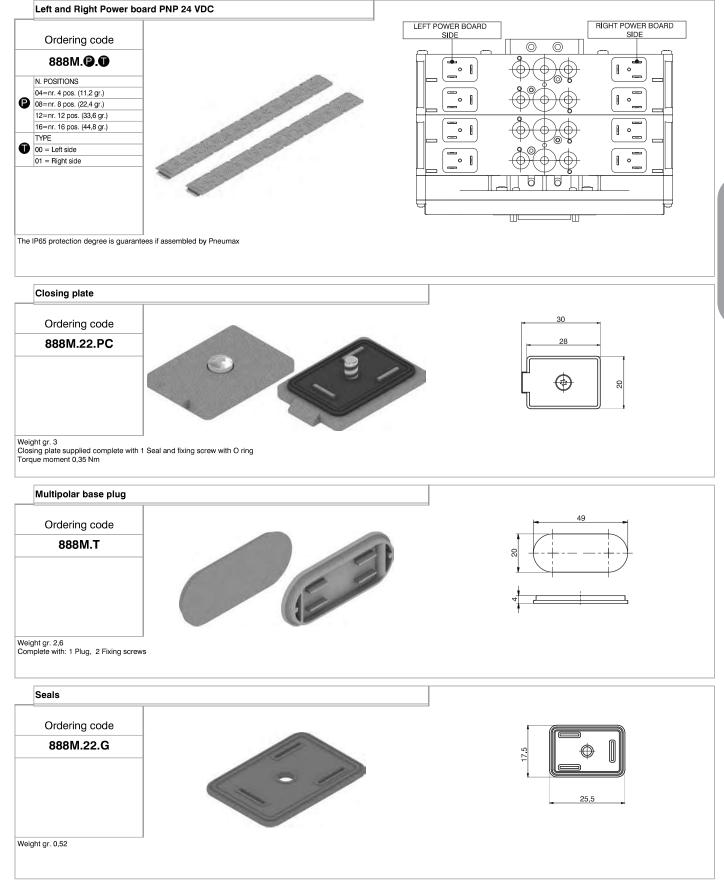














In line cable complete with connector IP40

Ordering code

2400.0.00 CONNECTORS 25=25 poles 37=37 poles CABLE LENGHT 03=3 meters 05=5 meters

10=10 meters



Cable complete with connector, 25 Poles IP65

Ordering code

2300.25.

CABLE LENGHT 03=3 meters 05=5 meters 10=10 meters CONNECTORS 10=In line 90=90° Angle



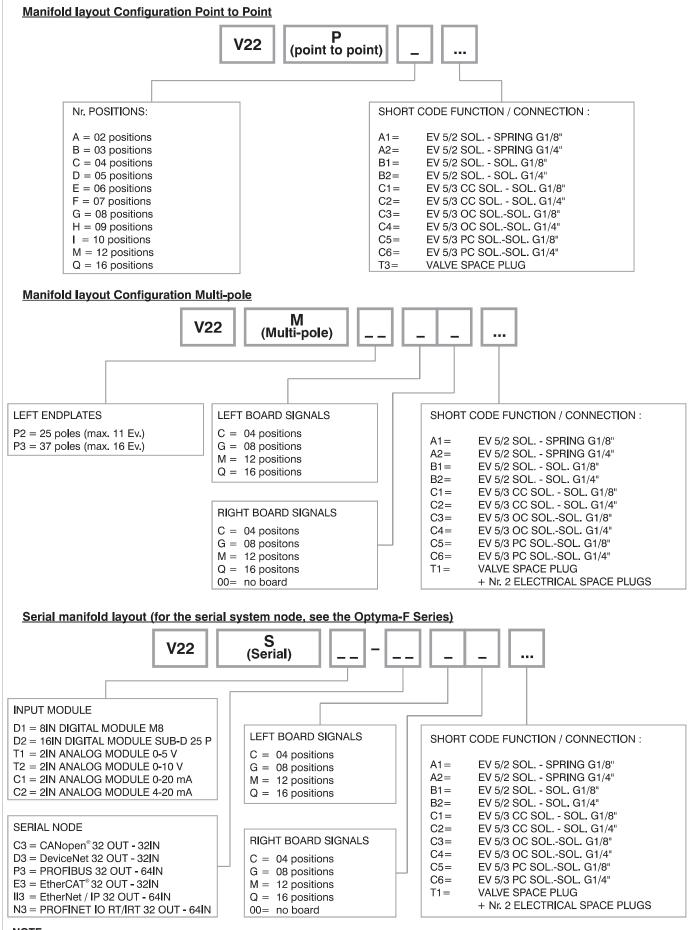
Cable complete with connector, 37 Poles IP65

Ordering code

2400.37. CABLE LENGHT 03=3 meters 05=5 meters 10=10 meters CONNECTORS 10=In line 90=90° Angle





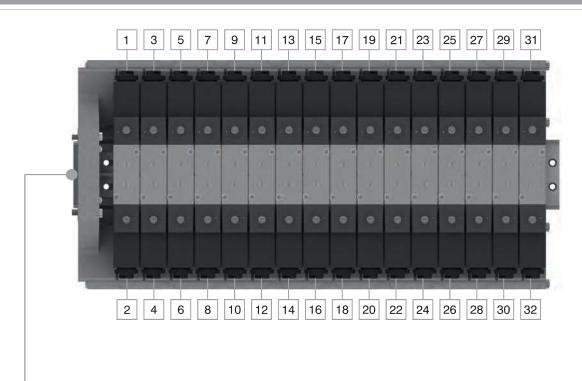


NOTE

When constructing the configuration, please consider that the maximum number of valves that can be mounted on the manifold is 16, regardless of the valve type. Any valve position presents two electrical connections: in case of use of monostable valves (A1-A2) it will be necessary to assemble a plug to protect the unused electrical connection.

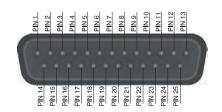
The correspondence between the electrical signal and its location on the manifold is showed in the following diagrams.







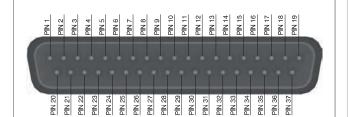




1 - 22 = SIGNALS 23 - 24 = GND25 = NC







1 - 32 = SIGNALS33 - 35 = GND36 - 37 = NC



