SPOOL VALVES ECO22
Series 888

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	
Direct current DC	12V (3,5W)	**MF4**	STD
	24V (3,5W)	**MF5**	STD
Alternating current AC 50 Hz	24V (3,7W)	**MF56**	STD
	110V (3,7W)	**MF57**	STD
	230V (3,7W)	**MF58**	STD

Coil type U1

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.

(2022/06)

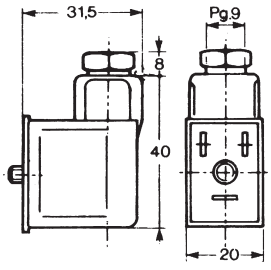
		Symbol	Description		Code	Max. pressure	Flow at 6 bar, Δp=1	Orifice size
G 1/8"	3/2		Solenoid - Spring (self-feeding)	STD	8880.32.A.39*	8 bar	790 Nl/min	5,8 mm
			Solenoid - Spring (self-feeding)	STD	8880.32.C.39*			
			Solenoid - Solenoid	STD	8880.32.00.35*			
	5/2		Solenoid - Spring (self-feeding)	STD	8880.52.00.39*			
			Solenoid - Solenoid	STD	8880.52.00.35*			
	5/3		Solenoid - Solenoid - C.C.	STD	8880.53.31.35*		440 Nl/min	
			Solenoid - Solenoid - O.C.	STD	8880.53.32.35*			
			Solenoid - Solenoid - P.C.	STD	8880.53.33.35*			
	3/2		Solenoid - Spring (self-feeding)		888E.32.A.39*		790 Nl/min	
			Solenoid - Spring (self-feeding)		888E.32.C.39*			
			Solenoid - Solenoid (external-feeding)		888E.32.00.35*			
	5/2		Solenoid - Spring (self feeding)		888E.52.00.39*			
			Solenoid - Solenoid (external-feeding)		888E.52.00.35*			
	5/3		Solenoid - Solenoid - C.C. (external-feeding)		888E.53.31.35*		440 Nl/min	
			Solenoid - Solenoid - O.C. (external-feeding)		888E.53.32.35*			
			Solenoid - Solenoid - P.C. (external-feeding)		888E.53.33.35*			
G 1/4"			Solenoid - Spring (self feeding)	STD	8884.32.A.39*	8 bar	890 Nl/min	6,5 mm
			Solenoid - Spring (self feeding)	STD	8884.32.C.39*			
			Solenoid - Solenoid	STD	8884.32.00.35*			
			Solenoid - Spring (self feeding)	STD	8884.52.00.39*			
			Solenoid - Solenoid	STD	8884.52.00.35*			
			Solenoid - Solenoid - C.C.	STD	8884.53.31.35*		540 Nl/min	
			Solenoid - Solenoid - O.C.	STD	8884.53.32.35*			
			Solenoid - Solenoid - P.C.	STD	8884.53.33.35*			
			Manifold (Valves 5/2 - 5/3)	STD	888.**	/	/	/
			Closing plate	STD	8880.00			
			Manifold (Valves 3/2)	STD	8883.**			
			Closing plate	STD	8883.00			
			Endplate, 25 poles IP65		888M.25.10			
			Endplate, 37 poles IP65		888M.37.10			
			Modular base, 2 positions IP65		888M.02.BM			
			Left and Right Power board PNP 24 VDC		888M.***			
			Closing plate		888M.22.PC			
			Multipolar base plug		888M.T			
			Seals		888M.22.G			
			In line cable complete with connector IP40		2400.**.**.00			
			Cable complete with connector, 25 Poles IP65		2300.25.**.***			
			Cable complete with connector, 37 Poles IP65		2400.37.**.***			

* **Voltage** : **F05** = 24 VDC - **F56** = 24 V (50-60 Hz) - **F57** = 110 V (50-60 Hz) - **F58** = 230 V (50-60 Hz) - **F00** = Without coil ** **Number of seat** : from 02 to 10, 12 and
*** **Number positions** : **04** = 4 positions - **08** = 8 positions - **12** = 12 positions - **16** = 16 positions - **Type** : **00** = left side - **01** = right side
. **Connector** : **25** = 25 poles - **37** = 37 poles - **Cable lenght** : **03** = 3 meters - **05** = 5 meters - **10** = 10 meters
.* **Cable lenght** : **03** = 3 meters - **05** = 5 meters - **10** = 10 meters - **Connector** : **10** = In line - **90** = 90° Angle

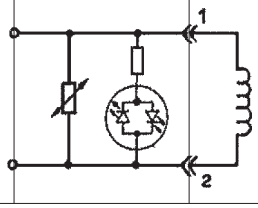
Exhaust = 1/8"

Connector for coil (DIN 43650)

Ordering code	Supply voltage until	Coil type	Protection class	Remarks
MP1	0-250V~/300V=	U1	IP 65	CONNECTOR
MP1-LED-24V	24V	U1	IP 65	+LED
MP1-LED-24V-5M	24V	U1	IP 65	+LED+CABLE
MP1-LED-230V	230V	U1	IP 65	+LED



Electronic circuit for MP-LED

Input	Connector	Coil
V ac-dc		

Bipolar LED and VDR to protect supply and switch.
(The energy in the coil is limited by the VDR).
Voltage: 24 or 230V.

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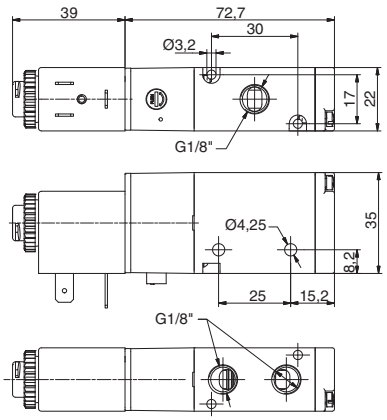
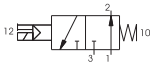
Solenoid - Spring - 3/2 (Self-feeding)

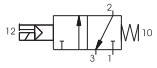
Ordering code

8880.32.Ⓕ.39.Ⓥ

Ⓕ	FUNCTION
	A=Normally Open
	C=Normally Closed
Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil







Weight gr. 210
Minimum working pressure 2 bar

Operational characteristics

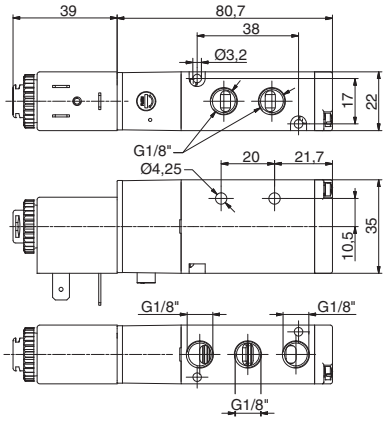
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

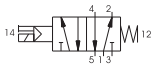
Solenoid - Spring - 5/2 (Self-feeding)

Ordering code

8880.52.00.39.Ⓥ

Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil





Weight gr. 220
Minimum working pressure 2 bar

Operational characteristics

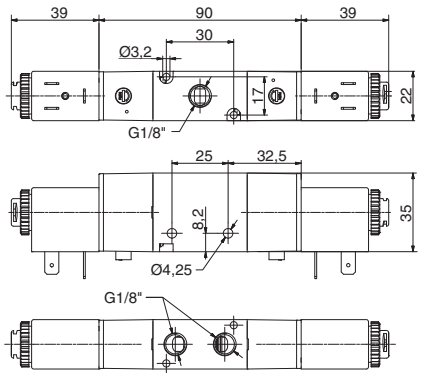
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

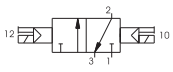
Solenoid - Solenoid - 3/2

Ordering code

8880.32.00.35.Ⓥ

Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil





Weight gr. 310
Minimum working pressure 2 bar

Operational characteristics

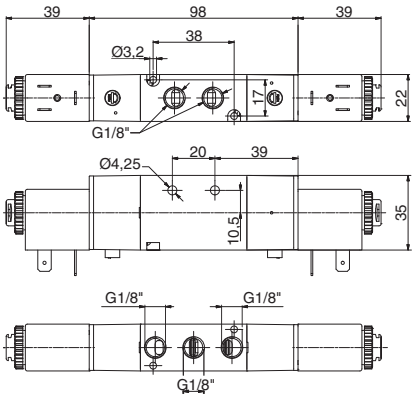
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

Solenoid - Solenoid - 5/2

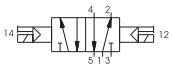
Ordering code

8880.52.00.35.Ⓥ

	VOLTAGE
Ⓥ	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil



Weight gr. 320
Minimum working pressure 2 bar



Operational characteristics

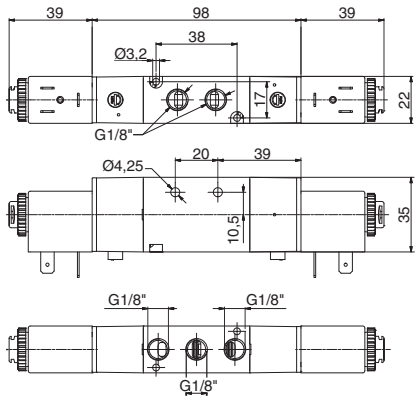
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

Solenoid - Solenoid - 5/3

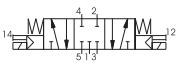
Ordering code

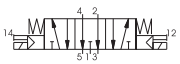
8880.53.Ⓕ.35.Ⓥ

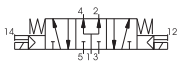
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
	VOLTAGE
Ⓥ	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil



Weight gr. 330
Minimum working pressure 2,5 bar







Operational characteristics

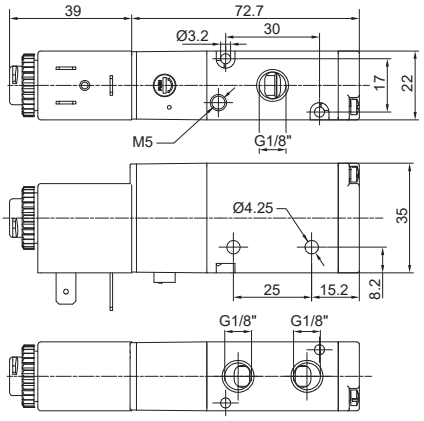
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	440	5,8	G 1/8"

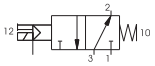
Solenoid - Spring - 3/2 (Self-feeding)

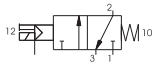
Ordering code

888E.32.Ⓕ.39.Ⓥ

	FUNZIONE
Ⓕ	A=3/2 Normalmente Aperta
	C=3/2 Normalmente Chiusa
	VOLTAGE
	F04=12 V DC
	F05=24 V DC
Ⓥ	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230 V (50-60 Hz)
	F00=Senza bobina







Weight gr. 210
Minimum working pressure 2 bar

Operational characteristics

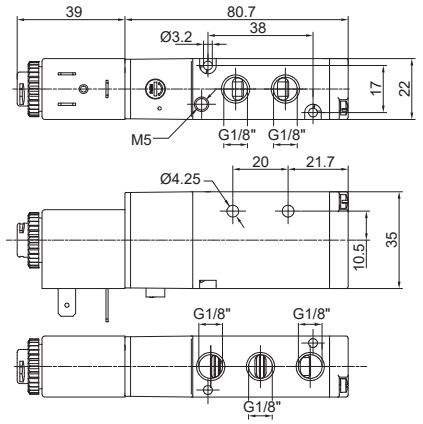
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

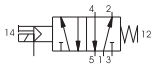
Solenoid - Spring - 5/2 (Self-feeding)

Ordering code

888E.52.00.39.Ⓥ

	VOLTAGE
	F04=12 V DC
	F05=24 V DC
Ⓥ	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230 V (50-60 Hz)
	F00=Senza bobina





Weight gr. 220
Minimum working pressure 2 bar

Operational characteristics

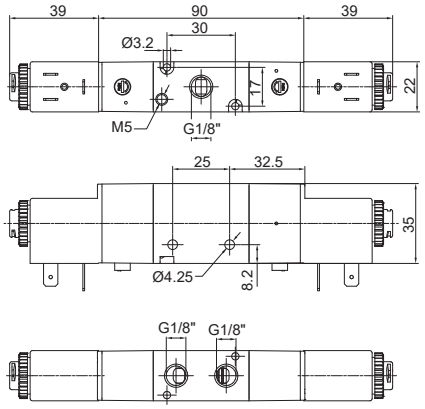
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

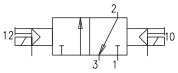
Solenoid - Solenoid - 3/2 (External-feeding)

Ordering code

888E.32.00.35.Ⓥ

	VOLTAGE
	F04=12 V DC
	F05=24 V DC
Ⓥ	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230 V (50-60 Hz)
	F00=Senza bobina





Weight gr. 310
Minimum working pressure 2 bar

Operational characteristics

Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

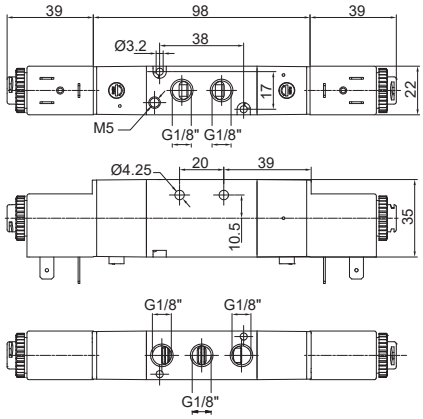
2

Solenoid - Solenoid - 5/2 (External-feeding)

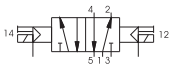
Ordering code

888E.52.00.35.Ⓥ

	VOLTAGE
	F04=12 V DC
	F05=24 V DC
Ⓥ	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230 V (50-60 Hz)
	F00=Senza bobina



Weight gr. 320
Minimum working pressure 2 bar



Operational characteristics

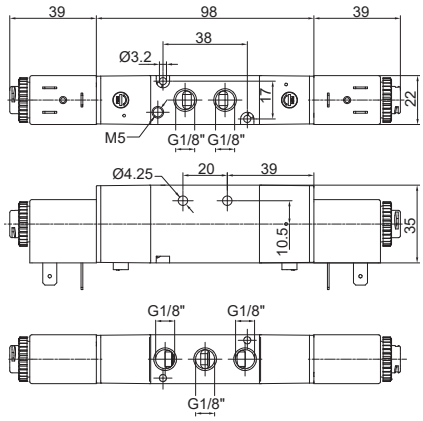
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	790	5,8	G 1/8"

Solenoid - Solenoid - 5/3 (External-feeding)

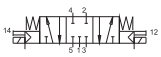
Ordering code

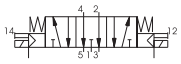
888E.53.Ⓕ.35.Ⓥ

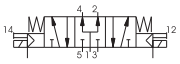
	FUNZIONE
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
	VOLTAGEpos.
	F04=12 V DC
	F05=24 V DC
Ⓥ	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230 V (50-60 Hz)
	F00=Senza bobina



Weight gr. 330
Minimum working pressure 2,5 bar







Operational characteristics

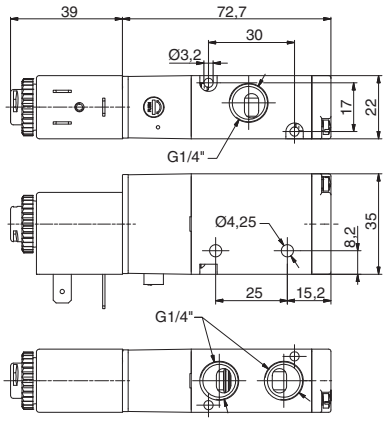
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	440	5,8	G 1/8"

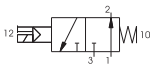
Solenoid - Spring - 3/2 (Self-feeding)

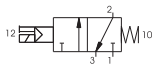
Ordering code

8884.32.Ⓕ.39.Ⓥ

Ⓕ	FUNCTION
	A=Normally Open
	C=Normally Closed
Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil







Weight gr. 210
Minimum working pressure 2 bar

Operational characteristics

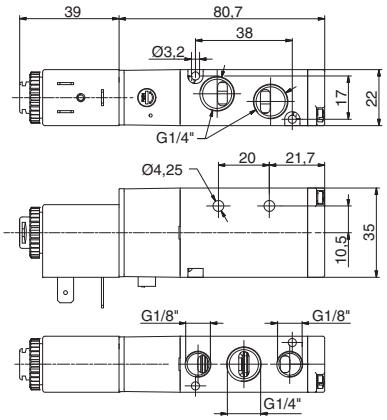
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	890	6,5	G 1/4"

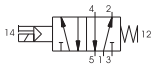
Solenoid - Spring - 5/2 (Self-feeding)

Ordering code

8884.52.00.39.Ⓥ

Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil





Weight gr. 220
Minimum working pressure 2 bar

Operational characteristics

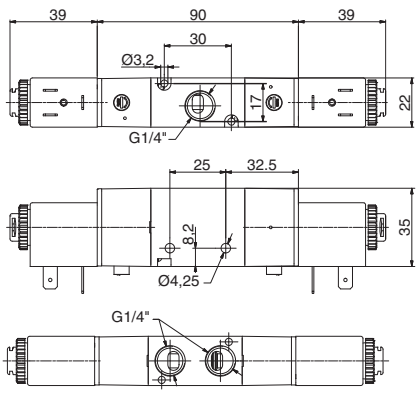
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	890	6,5	G 1/4"

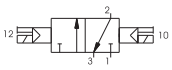
Solenoid - Solenoid - 3/2

Ordering code

8884.32.00.35.Ⓥ

Ⓥ	VOLTAGE
	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil





Weight gr. 310
Minimum working pressure 2 bar

Operational characteristics

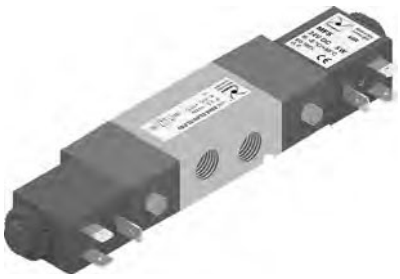
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	890	6,5	G 1/4"

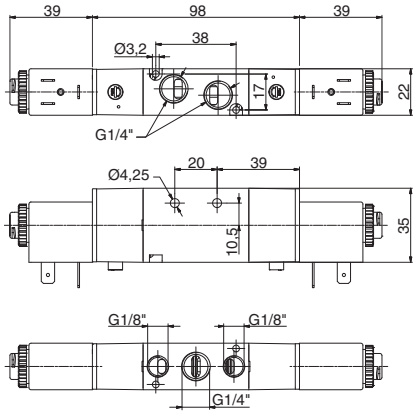
Solenoid - Solenoid - 5/2

Ordering code

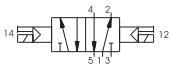
8884.52.00.35.Ⓥ

	VOLTAGE
Ⓥ	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil





Weight gr. 320
Minimum working pressure 2 bar



Operational characteristics

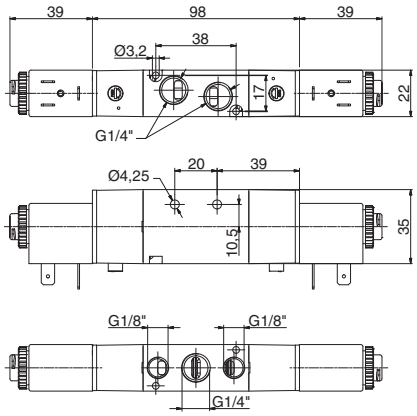
Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	890	6,5	G 1/4"

Solenoid - Solenoid - 5/3

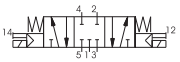
Ordering code

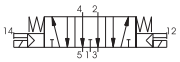
8884.53.Ⓕ.35.Ⓥ

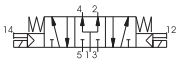
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
	VOLTAGE
Ⓥ	F05=24 V DC
	F56=24 V (50-60 Hz)
	F57=110 V (50-60 Hz)
	F58=230V (50-60 Hz)
	F00=Without coil



Weight gr. 330
Minimum working pressure 2,5 bar



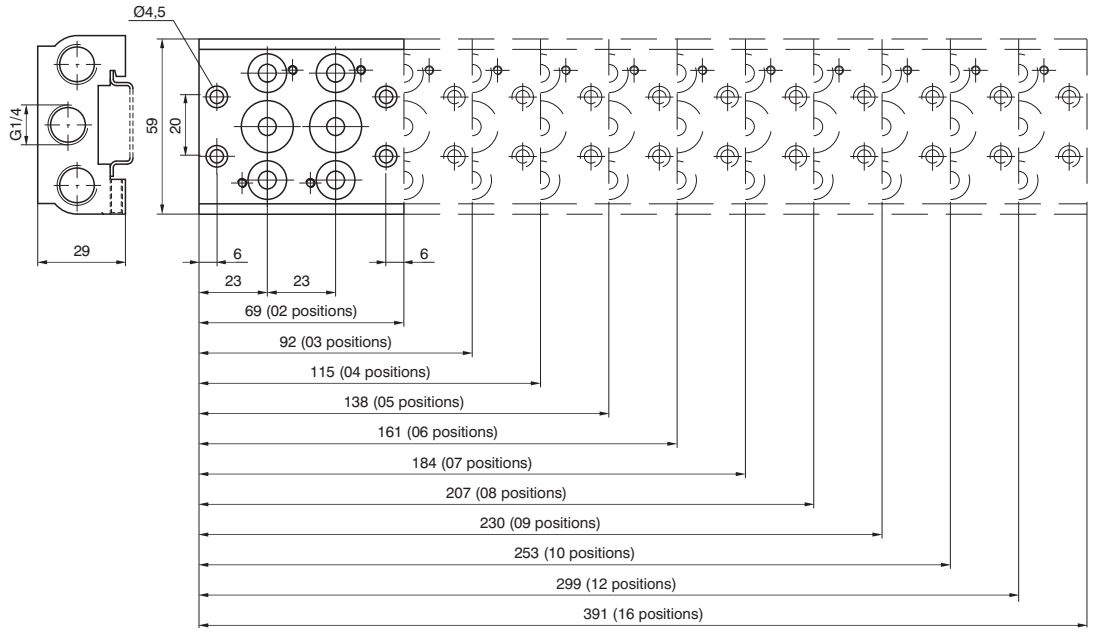




Operational characteristics

Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (Nl/min)	Orifice size (mm)	Working port size
Filtered and lubricated air	8	-5 ÷ +50	540	6,5	G 1/4"

Manifold (Valves 5/2 - 5/3)



Ordering code

888.Ⓟ

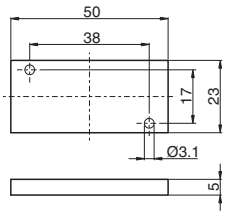
Ⓟ	N. POSITIONS
	02=nr. 2 pos. (270 gr)
	03=nr. 3 pos. (335 gr)
	04=nr. 4 pos. (400 gr)
	05=nr. 5 pos. (465 gr)
	06=nr. 6 pos. (530 gr)
	07=nr. 7 pos. (595 gr)
	08=nr. 8 pos. (660 gr)
	09=nr. 9 pos. (725 gr)
	10=nr. 10 pos. (790 gr)
	12=nr. 12 pos. (920 gr)
	16=nr. 16 pos. (1180 gr)

Manifold supplied complete with Seals, Valve fixing screws and DIN rail fixing pin

Closing plate

Ordering code

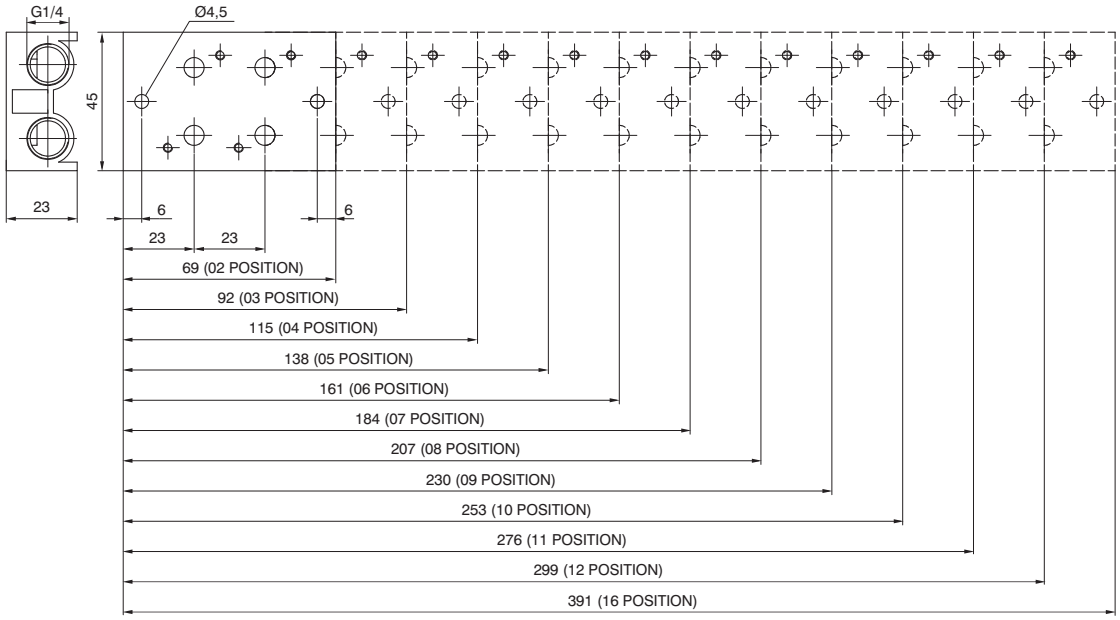
888.00



Weight gr. 18
Closing plate supplied complete with 2 fixing screws to the manifold and 2 fixing screws to the multi-polar base

2

Manifold (Valves 3/2)



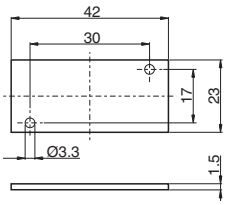
Ordering code
8883.Ⓟ

	POSIZIONE
Ⓟ	02=nr. 2 pos. (112 gr)
	03=nr. 3 pos. (149 gr)
	04=nr. 4 pos. (186 gr)
	05=nr. 5 pos. (223 gr)
	06=nr. 6 pos. (260 gr)
	07=nr. 7 pos. (297 gr)
	08=nr. 8 pos. (334 gr)
	09=nr. 9 pos. (371 gr)
	10=nr. 10 pos. (408 gr)
	12=nr. 12 pos. (482 gr)
	16=nr. 16 pos. (630 gr)

Manifold supplied complete with Seals and Valve fixing screws.

Closing plate

Ordering code
8883.00

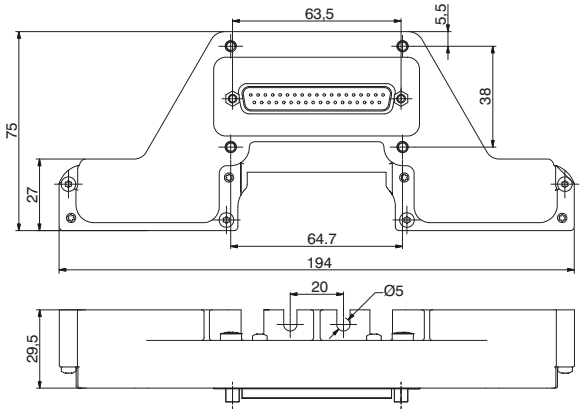


Weight gr. 10 - Closing plate supplied complete with 2 fixing screws to the manifold

Endplate, 37 Poles IP65

Ordering code

888M.37.10

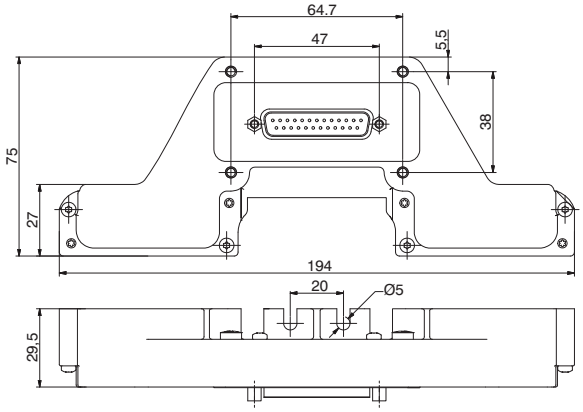


Weight gr. 186
The IP65 protection is obtained by IP65 Pneumax cable
Code complete with assembled endplate and 4 manifold fixing screws, previously mounted on the Manifold.

Endplate, 25 Poles IP65

Ordering code

888M.25.10

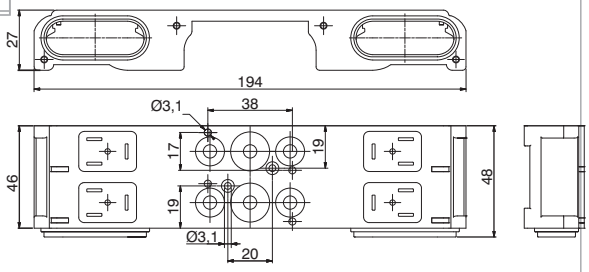


Weight gr. 181
The IP65 protection is obtained by IP65 Pneumax cable
Code complete with assembled endplate and 4 manifold fixing screws, previously mounted on the Manifold.

Modular base, 2 positions IP65

Ordering code

888M.02.BM



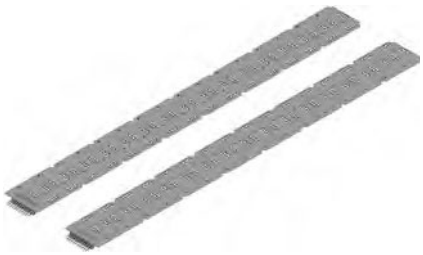
Weight gr. 220
Complete with seals and fixing screws
Usable only for 5/2 and 5/3 Distributors

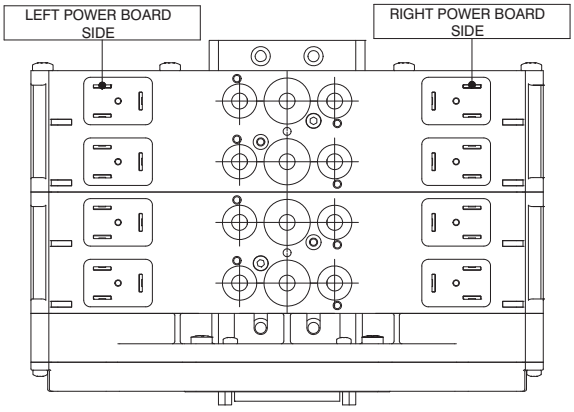
Left and Right Power board PNP 24 VDC

Ordering code

888M.Ⓟ.Ⓣ

	N. POSITIONS
Ⓟ	04=nr. 4 pos. (11,2 gr.)
	08=nr. 8 pos. (22,4 gr.)
	12=nr. 12 pos. (33,6 gr.)
	16=nr. 16 pos. (44,8 gr.)
Ⓣ	TYPE
	00=Left side
	01=Right side





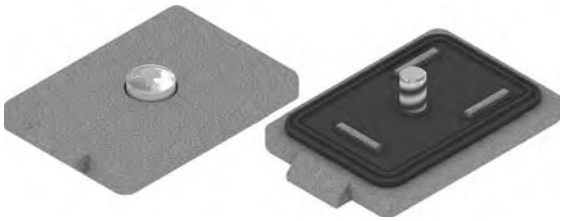
The IP65 protection degree is guarantees if assembled by Pneumax

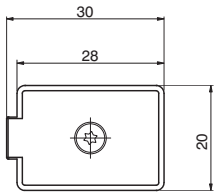
2

Closing plate

Ordering code

888M.22.PC



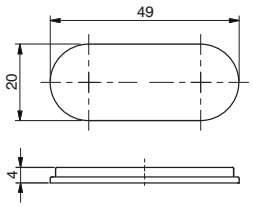


Weight gr. 3
Closing plate supplied complete with 1 Seal and fixing screw with O ring

Multipolar base plug

Ordering code

888M.T

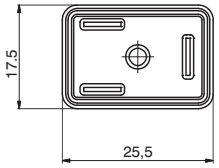


Weight gr. 2,6
Complete with: Nr. 1 Plug, Nr. 2 Fixing screws

Seals

Ordering code

888M.22.G



Weight gr. 0,52

In line cable complete with connector IP40

Ordering code

2400.Ⓣ.Ⓛ.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

Manifold layout Configuration Point to Point

V22	P (point to point)	_	...

Nr. POSITIONS:

A = 02 positions
B = 03 positions
C = 04 positions
D = 05 positions
E = 06 positions
F = 07 positions
G = 08 positions
H = 09 positions
I = 10 positions
M = 12 positions
Q = 16 positions

SHORT CODE FUNCTION / CONNECTION :

A1= EV 5/2 SOL. - SPRING G1/8"
A2= EV 5/2 SOL. - SPRING G1/4"
B1= EV 5/2 SOL. - SOL. G1/8"
B2= EV 5/2 SOL. - SOL. G1/4"
C1= EV 5/3 CC SOL. - SOL. G1/8"
C2= EV 5/3 CC SOL. - SOL. G1/4"
C3= EV 5/3 OC SOL.-SOL. G1/8"
C4= EV 5/3 OC SOL.-SOL. G1/4"
C5= EV 5/3 PC SOL.-SOL. G1/8"
C6= EV 5/3 PC SOL.-SOL. G1/4"
T3= VALVE SPACE PLUG

Manifold layout Configuration Multi-pole

V22	M (Multi-pole)	_ _	_	_	...

LEFT ENDPLATES

P2 = 25 poles (max. 11 Ev.)
P3 = 37 poles (max. 16 Ev.)

LEFT BOARD SIGNALS

C = 04 positions
G = 08 positions
M = 12 positions
Q = 16 positions

RIGHT BOARD SIGNALS

C = 04 positons
G = 08 positons
M = 12 positons
Q = 16 positons
00= no board

SHORT CODE FUNCTION / CONNECTION :

A1= EV 5/2 SOL. - SPRING G1/8"
A2= EV 5/2 SOL. - SPRING G1/4"
B1= EV 5/2 SOL. - SOL. G1/8"
B2= EV 5/2 SOL. - SOL. G1/4"
C1= EV 5/3 CC SOL. - SOL. G1/8"
C2= EV 5/3 CC SOL. - SOL. G1/4"
C3= EV 5/3 OC SOL.-SOL. G1/8"
C4= EV 5/3 OC SOL.-SOL. G1/4"
C5= EV 5/3 PC SOL.-SOL. G1/8"
C6= EV 5/3 PC SOL.-SOL. G1/4"
T1= VALVE SPACE PLUG
+ Nr. 2 ELECTRICAL SPACE PLUGS

Serial manifold layout (for the serial system node, see the Optyma-F Series)

V22	S (Serial)	_ _	–	_ _	_	_	...

INPUT MODULE

D1 = 8IN DIGITAL MODULE M8
D2 = 16IN DIGITAL MODULE SUB-D 25 P
T1 = 2IN ANALOG MODULE 0-5 V
T2 = 2IN ANALOG MODULE 0-10 V
C1 = 2IN ANALOG MODULE 0-20 mA
C2 = 2IN ANALOG MODULE 4-20 mA

SERIAL NODE

C3 = CANopen® 32 OUT - 32IN
D3 = DeviceNet 32 OUT - 32IN
P3 = PROFIBUS 32 OUT - 64IN
E3 = EtherCAT® 32 OUT - 32IN
II3 = EtherNet / IP 32 OUT - 64IN
N3 = PROFINET IO RT/IRT 32 OUT - 64IN

LEFT BOARD SIGNALS

C = 04 positions
G = 08 positions
M = 12 positions
Q = 16 positions

RIGHT BOARD SIGNALS

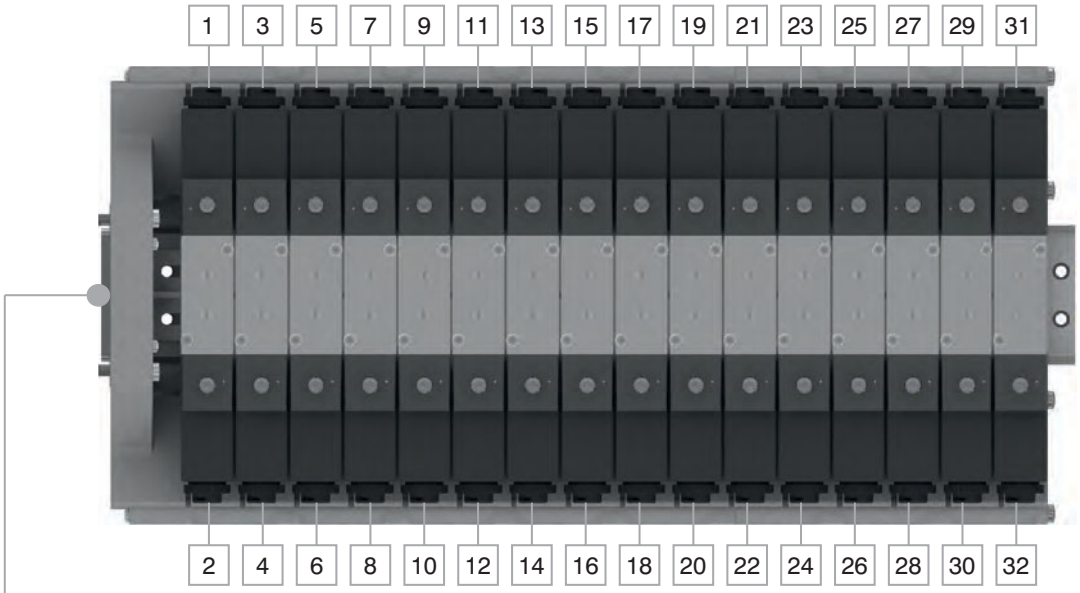
C = 04 positions
G = 08 positions
M = 12 positions
Q = 16 positions
00= no board

SHORT CODE FUNCTION / CONNECTION :

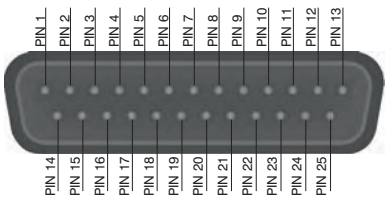
A1= EV 5/2 SOL. - SPRING G1/8"
A2= EV 5/2 SOL. - SPRING G1/4"
B1= EV 5/2 SOL. - SOL. G1/8"
B2= EV 5/2 SOL. - SOL. G1/4"
C1= EV 5/3 CC SOL. - SOL. G1/8"
C2= EV 5/3 CC SOL. - SOL. G1/4"
C3= EV 5/3 OC SOL.-SOL. G1/8"
C4= EV 5/3 OC SOL.-SOL. G1/4"
C5= EV 5/3 PC SOL.-SOL. G1/8"
C6= EV 5/3 PC SOL.-SOL. G1/4"
T1= VALVE SPACE PLUG
+ Nr. 2 ELECTRICAL SPACE PLUGS

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.

2

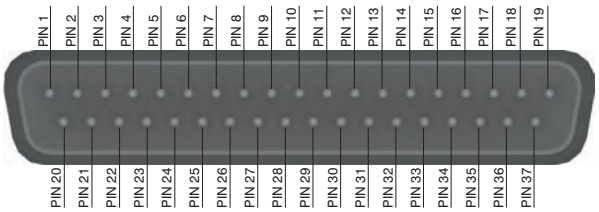


Connector 25 Poles from 1 to 11
Positions E.V. Bistable / Monostable



1 - 22 = SIGNALS
23 - 24 = GND
25 = NC

Connector 37 Poles from 1 to 16
Positions E.V. Bistable / Monostable



1 - 32 = SIGNALS
33 - 35 = GND
36 - 37 = NC

Assembly sequence