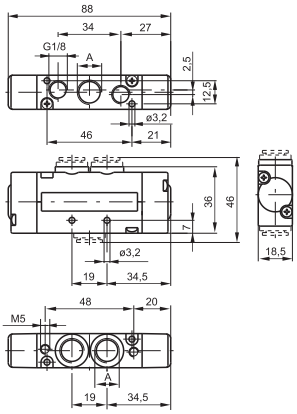
Pneumatic - Spring

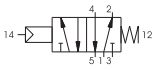
Ordering code

241Ⓐ.52.00.19

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8



For dimension "A" see ordering code



Operational characteristic

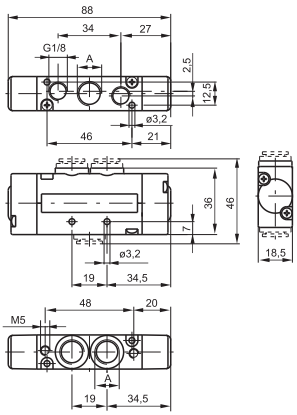
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	155	-5 ÷ +50

Pneumatic - Differential / Differential external

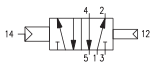
Ordering code

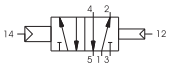
241Ⓐ.52.00.Ⓥ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
Ⓥ	16=Pneumatic - Differential
	17=Pneumatic - Differential ext.



For dimension "A" see ordering code





Operational characteristic

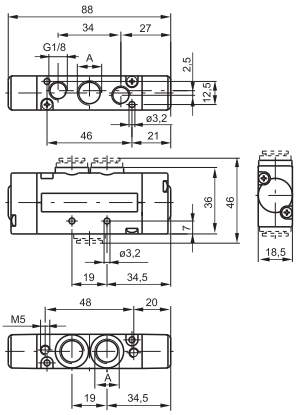
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	155	-5 ÷ +50

Pneumatic - Pneumatic

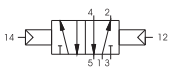
Ordering code

241Ⓐ.52.00.18

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8



For dimension "A" see ordering code



Operational characteristic

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	155	-5 ÷ +50

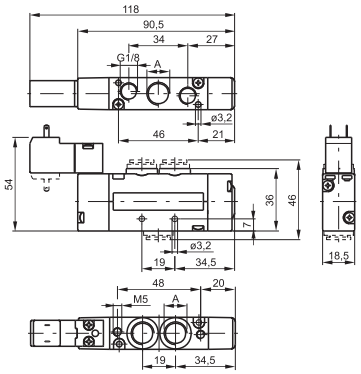
2

Miniature solenoid - Spring / Differential

Ordering code

241Ⓐ.52.00.Ⓥ.Ⓣ

	CONNECTIONS
	1=G1/4"
Ⓐ	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
	39=Sv. - Spring
	29=Sv. ext. - Spring
Ⓥ	36=Sv. - Diff./al
	37=Sv. ext. - Diff./al ext.
	26=Sv. ext. - Diff./al
	27=Sv. ext. - Diff./al ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



For dimension "A" see ordering code

Operational characteristic

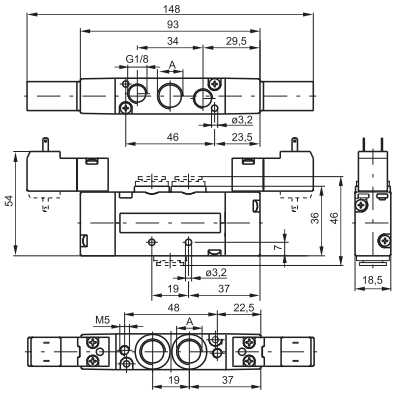
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	195	-5 ÷ +50

Miniature solenoid - Miniature solenoid

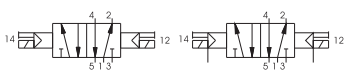
Ordering code

241Ⓐ.52.00.Ⓥ.Ⓣ

	CONNECTIONS
	1=G1/4"
Ⓐ	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
Ⓥ	35=Sol. - Sol.
	24=Sol. ext. - Sol. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston
	19=24V DC Earth Faston



For dimension "A" see ordering code



Operational characteristic

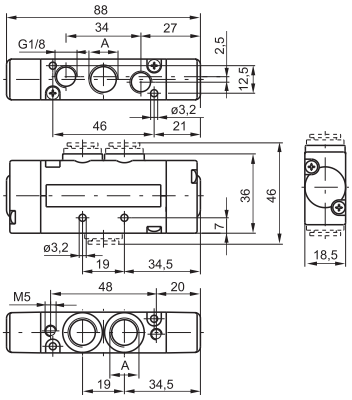
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	225	-5 ÷ +50

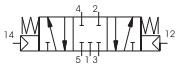
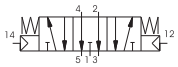
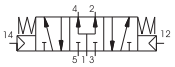
Pneumatic - Pneumatic

Ordering code

241Ⓐ.53.Ⓕ.18

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres



For dimension "A" see ordering code

Operational characteristic

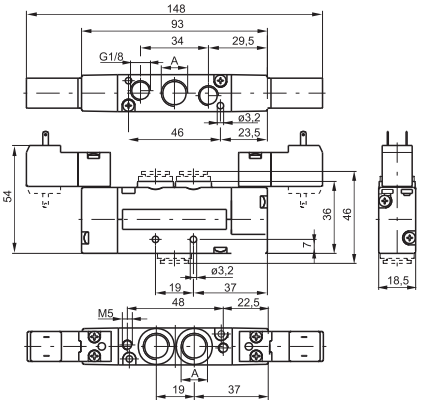
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	165	-5 ÷ +50

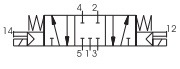
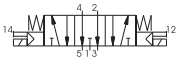
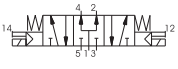
Miniature solenoid - Miniature solenoid

Ordering code

241Ⓐ.53.Ⓕ.Ⓥ.Ⓣ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
Ⓥ	VERSION
	24=Sol. ext. - Sol. ext.
	35=Sol. - Sol.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	235	-5 ÷ +50

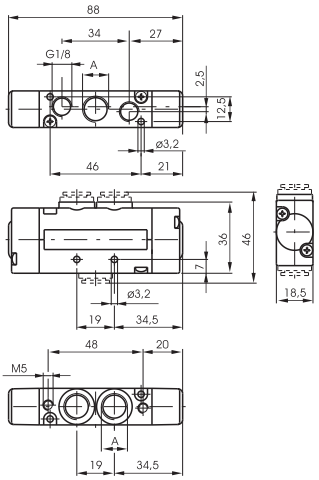
2

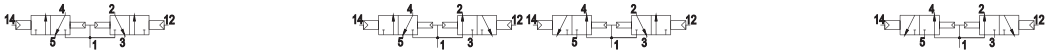
Pneumatic - Pneumatic

Ordering code

241Ⓐ.62.Ⓕ.18

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
	44=2 Coils 3/2 NC
Ⓕ	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)





Operational characteristic — Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar

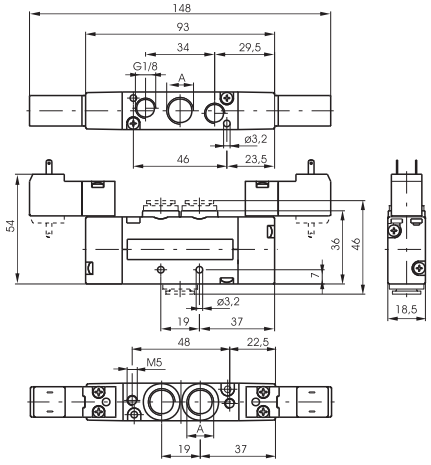
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	≥1,5+(0,2xP.alim.)	170	see ordering code

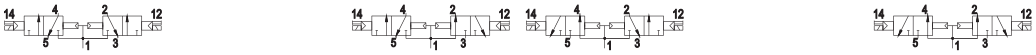
Miniature solenoid - Miniature solenoid

Ordering code

241Ⓐ.62.Ⓕ.35.Ⓣ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
	44=2 Coils 3/2 NC
Ⓕ	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward





Operational characteristic — Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar

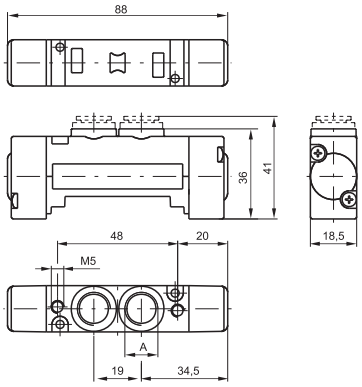
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	≥1,5+(0,2xP.alim.)	250	see ordering code

Pneumatic - Spring

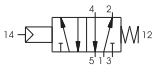
Ordering code

243Ⓐ.52.00.19

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8



For dimension "A" see ordering code



Operational characteristic

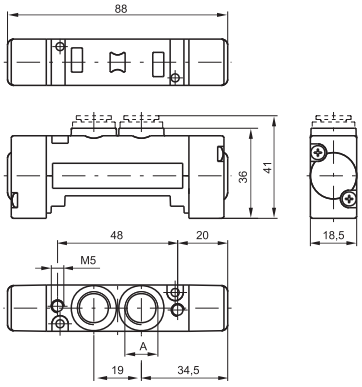
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	105	-5 ÷ +50

Pneumatic - Differential / Differential external

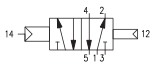
Ordering code

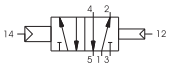
243Ⓐ.52.00.Ⓥ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
Ⓥ	16=Pneumatic - Differential
	17=Pneumatic Differential ext.



For dimension "A" see ordering code





Operational characteristic

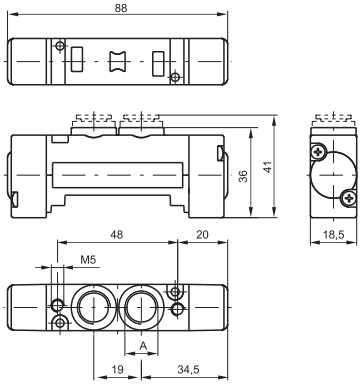
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	105	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

243Ⓐ.52.00.18

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	105	-5 ÷ +50

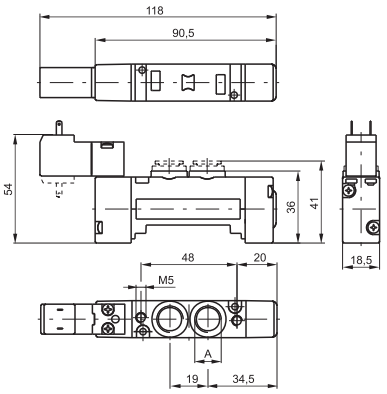
2

Miniature solenoid - Spring / Differential

Ordering code

243Ⓐ.52.00.Ⓥ.Ⓣ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
	39=Sol. - Spring
	29=Sol. ext. - Spring
Ⓥ	36=Sol. - Differ.
	37=Sol. ext. - Differ. ext.
	26=Sol. ext. - Differ.
	27=Sol. ext. - Differ. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



For dimension "A" see ordering code

Operational characteristic

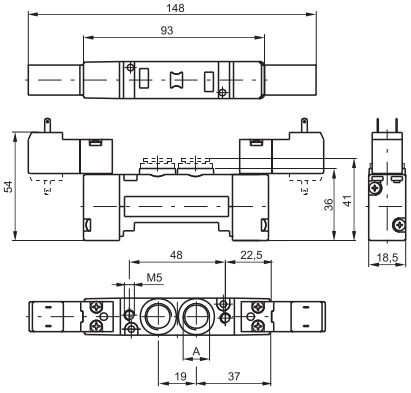
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	140	-5 ÷ +50

Miniature solenoid - Miniature solenoid

Ordering code

243Ⓐ.52.00.Ⓥ.Ⓣ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
Ⓥ	35=Sol. - Sol.
	24=Sol. ext. - Sol. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



For dimension "A" see ordering code

Operational characteristic

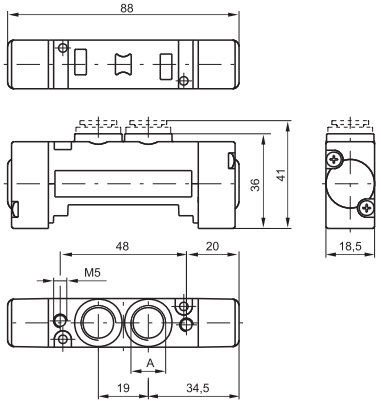
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	175	-5 ÷ +50

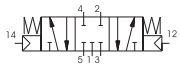
Pneumatic - Pneumatic

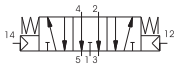
Ordering code

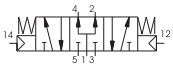
243Ⓐ.53.Ⓕ.18

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres









For dimension "A" see ordering code

Operational characteristic

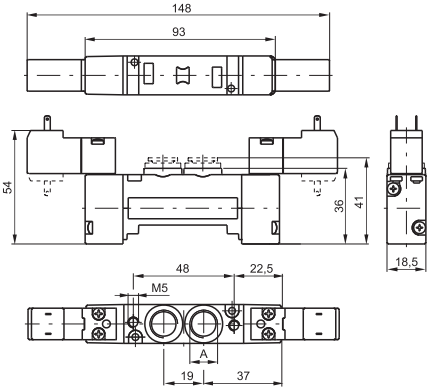
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	115	-5 ÷ +50

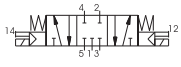
Miniature solenoid - Miniature solenoid

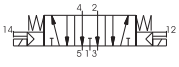
Ordering code

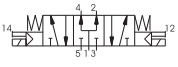
243Ⓐ.53.Ⓕ.Ⓥ.Ⓣ

	CONNECTIONS
Ⓐ	1=G1/4"
	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
	VERSION
Ⓥ	24=Sol. ext. - Sol. ext.
	35=Sol. - Sol.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward









For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	185	-5 ÷ +50

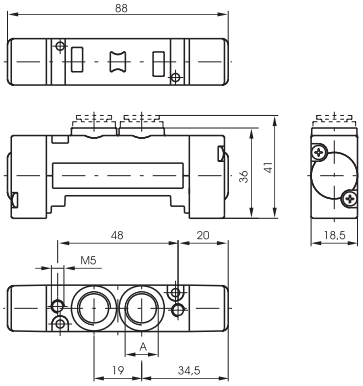
2

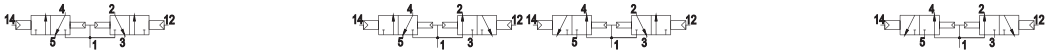
Pneumatic - Pneumatic

Ordering code

243Ⓐ.62.Ⓥ.18

	CONNECTIONS
	1=G1/4"
Ⓐ	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
	44=2 Coils 3/2 NC
Ⓥ	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)





Operational characteristic — Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar

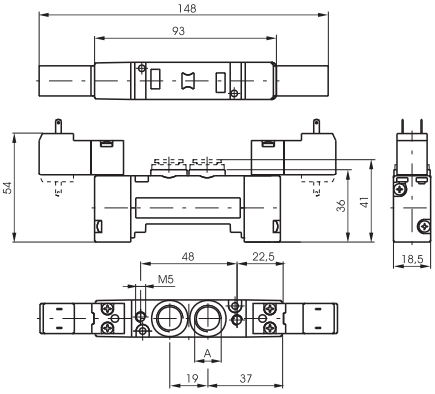
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	≥1,5+(0,2xP.alim.)	110	see ordering code

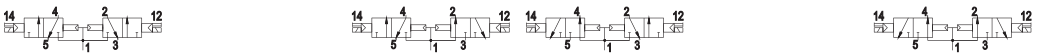
Miniature solenoid - Miniature solenoid

Ordering code

243Ⓐ.62.Ⓥ.35.Ⓣ

	CONNECTIONS
	1=G1/4"
Ⓐ	5=G1/8"
	6=quick fitting tube Ø6
	8=quick fitting tube Ø8
	VERSION
	44=2 Coils 3/2 NC
Ⓥ	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



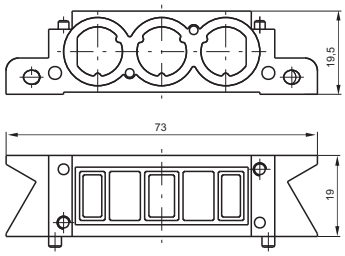


Operational characteristic — Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar

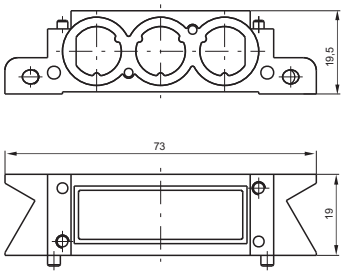
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	≥1,5+(0,2xP.alim.)	190	see ordering code

Modular base

Ordering code	
2430.Ⓥ	
	VERSION
	01 = Modular base
Ⓥ	06 = Supply and exhaust closed
	07 = Supply closed
	08 = Exhaust closed



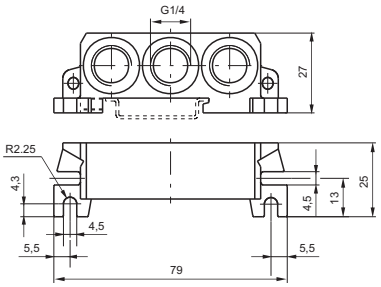
Blanck base



Ordering code **2430.05**

Weight gr. 85

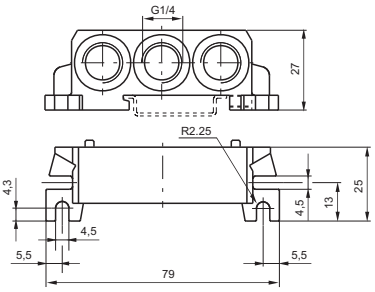
Right inlet base



Ordering code **2430.02**

Weight gr. 120

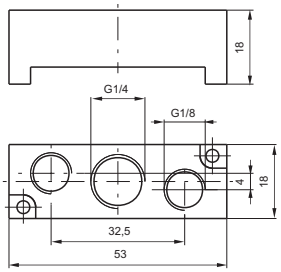
Left inlet base



Ordering code **2430.03**

Weight gr. 125

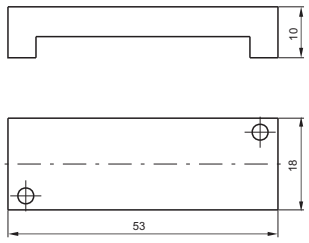
Intermediate air intake



Ordering code **2430.10**

Weight gr. 30
to be assembled of a valve

Closing plate



Ordering code **2430.00**

Weight gr. 20

Diaphragm plug

Ordering code **2430.17**

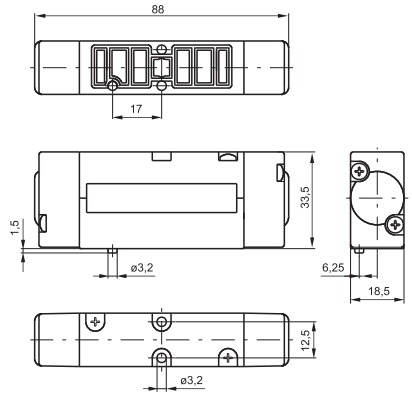
Weight gr. 5

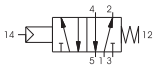
2

Pneumatic - Spring

Ordering code

2445.52.00.19





Operational characteristic

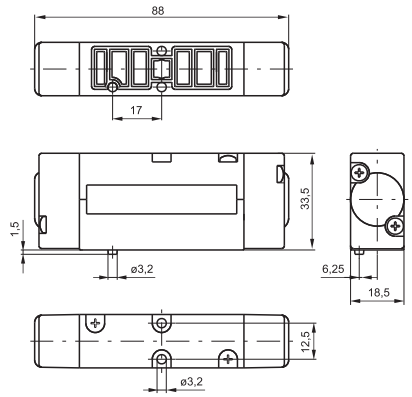
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	155	-5 ÷ +50

Pneumatic - Differential / Differential external

Ordering code

2445.52.00.Ⓥ

Ⓥ	VERSION
	16=Pneum. - Diff./al
	17=Pneum. - Diff./al ext.



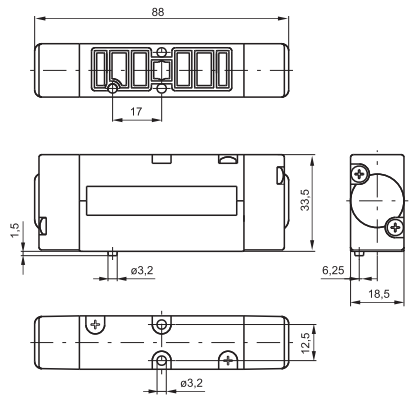
Operational characteristic

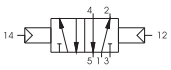
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	155	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

2445.52.00.18





Operational characteristic

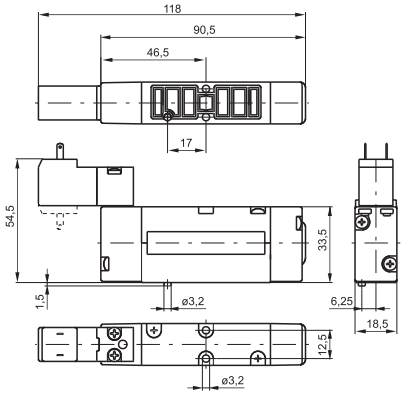
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	500	10	5	1,5	155	-5 ÷ +50

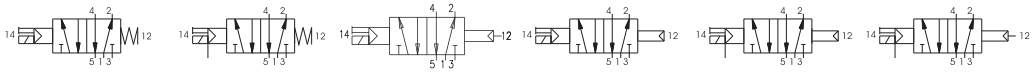
Miniature solenoid - Spring / Differential

Ordering code

244Ⓔ.52.00.Ⓥ.Ⓣ

	TYPE ELECTROPILOT EXHAUST
Ⓔ	1=on base (only for self feeding valves)
	5=on pilot (for all version)
	VERSION
	39=Sv. - Spring
	29=Sv. ext. - Spring
Ⓥ	36=Sv. - Diff./al
	37=Sv. - Diff./al ext.
	26=Sv. ext. - Differ.
	27=Sv. ext. - Differ. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward





Operational characteristic

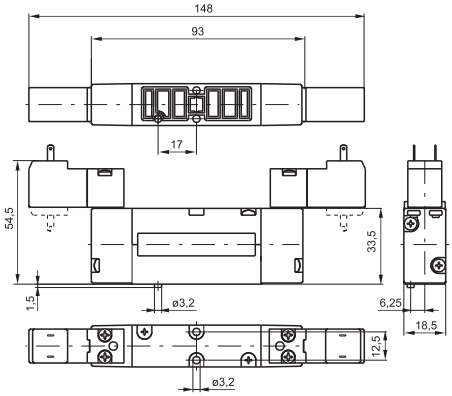
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	190	-5 ÷ +50

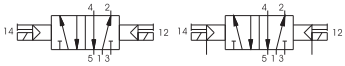
Miniature solenoid - Miniature solenoid

Ordering code

244Ⓔ.52.00.Ⓥ.Ⓣ

	TYPE ELECTROPILOT EXHAUST
Ⓔ	1=on base (only for self feeding valves)
	5=on pilot (for all version)
	VERSION
Ⓥ	35=Sv. - Sv.
	24=Sv. ext. - Sv. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward





Operational characteristic

Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	1,5	225	-5 ÷ +50

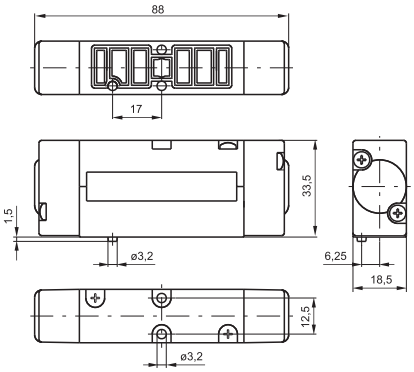
2

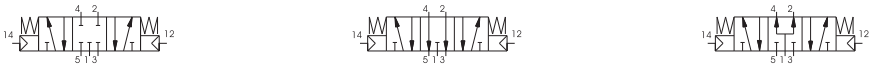
Pneumatic - Pneumatic

Ordering code

244Ⓔ.53.Ⓕ.18

	TYPE ELECTROPILOT EXHAUST
Ⓔ	1=on base (only for self feeding valves)
	5=on pilot (for all version)
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres





Operational characteristic

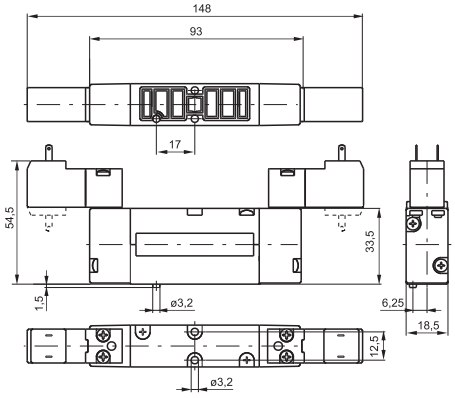
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	3	165	-5 ÷ +50

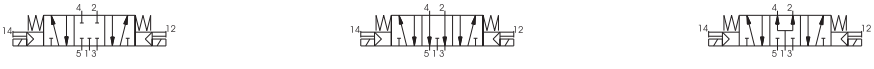
Miniature solenoid - Miniature solenoid

Ordering code

244Ⓔ.53.Ⓕ.Ⓥ.Ⓣ

	TYPE ELECTROPILOT EXHAUST
Ⓔ	1=on base (only for self feeding valves)
	5=on pilot (for all version)
	FUNCTION
Ⓕ	31=Closed centres
	32=Open centres
	33=Pressured centres
	VERSION
Ⓥ	35=Sv. - Sv.
	24=Sv. ext. - Sv. ext.
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward





Operational characteristic

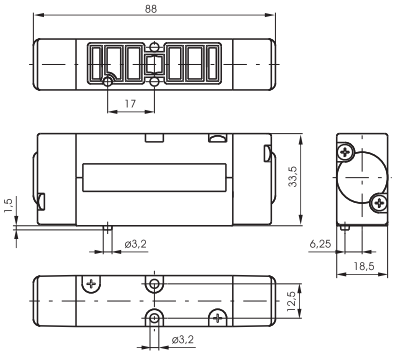
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	3	235	-5 ÷ +50

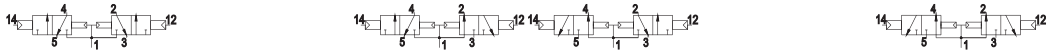
Pneumatic - Pneumatic

Ordering code

2445.62.Ⓕ.18

	FUNCTION
Ⓕ	44=2 Coils 3/2 NC
	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)





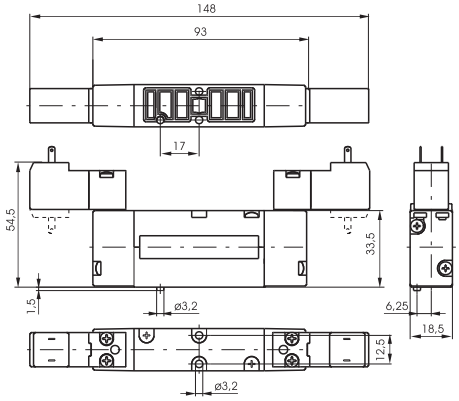
Operational characteristic		Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar				
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)
Filtered air, with or without lubrication	550	10	5	-5 ÷ +50	≥1,5+(0,2xP.alim.)	170

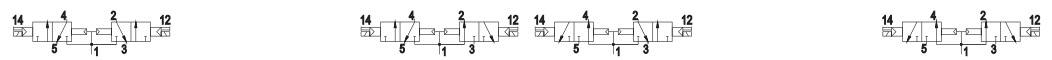
Miniature solenoid - Miniature solenoid

Ordering code

2445.62.Ⓕ.35.Ⓣ

	FUNCTION
Ⓕ	44=2 Coils 3/2 NC
	45=1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
	55=2 Coils 3/2 NO
	54=1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)
	COIL VOLTAGE
	01=12V DC
	02=24V DC
	05=24V AC
	06=110V AC
	07=230V AC
	08=24V DC 1 Watt
Ⓣ	09=24V DC Earth Faston
	11=12V DC Downward
	12=24V DC Downward
	15=24V AC Downward
	16=110V AC Downward
	17= 230V AC Downward
	18=24V DC 1 Watt Downward
	19=24V DC Earth Faston Downward



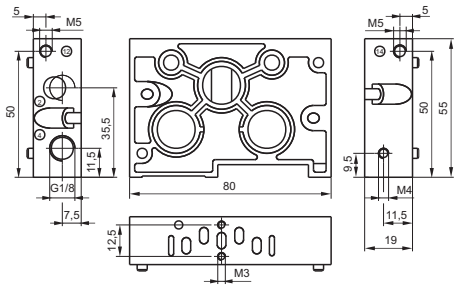


Operational characteristic		Example: if inlet pressure is set at 5bar then pilot pressure must be at least Pp=1,5+(0.2*5)=2,5bar				
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)
Filtered air, with or without lubrication	550	10	5	-5 ÷ +50	≥1,5+(0,2xP.alim.)	250

Modular base

Ordering code
2440.Ⓥ

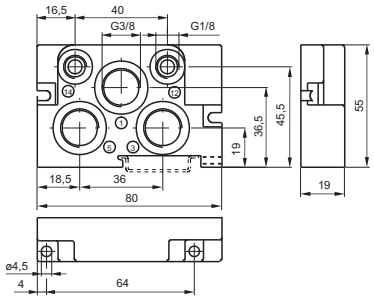
	VERSION
Ⓥ	01 = standard base
	11 = Modular base for single separate inlet



Weight gr. 110

* Used to supply a single spool valve with an external pilot signal. Threaded ports 12 and 14 are connected to the valve via the base / valve interface, while the cross sectional drillings in the base are blanked off."

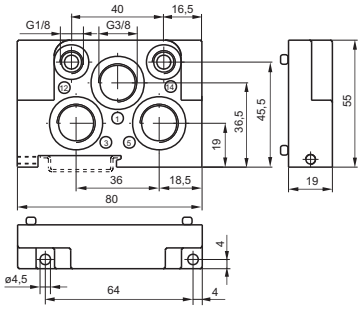
Right inlet base



Ordering code
2440.02

Weight gr. 110

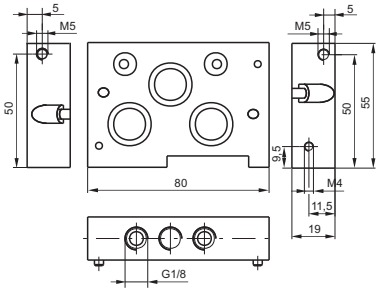
Left inlet base



Ordering code
2440.03

Weight gr. 110

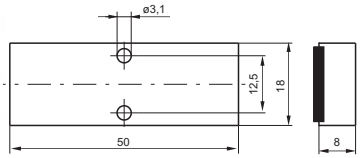
Intermediate air intake



Ordering code
2440.10

Weight gr. 185

Closing plate



Ordering code
2440.00

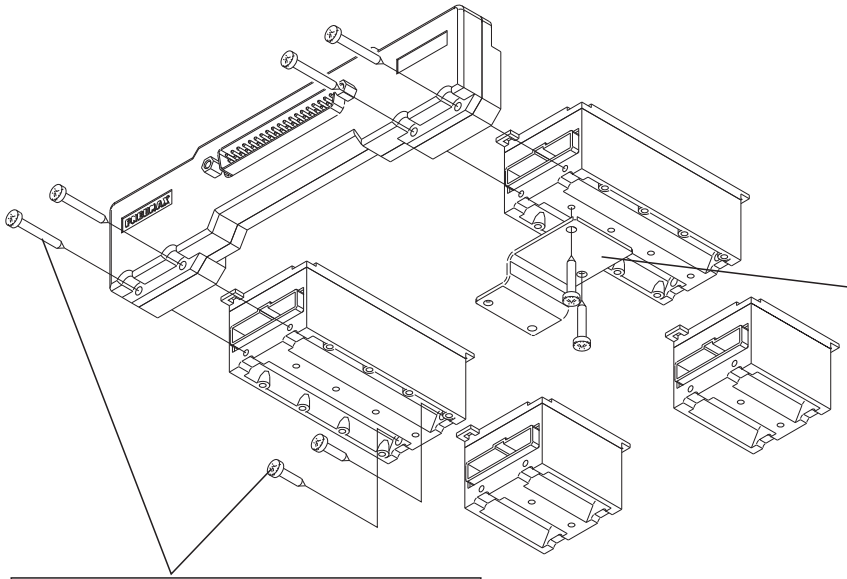
Weight gr. 185

Diaphragm plug

Ordering code
2440.17

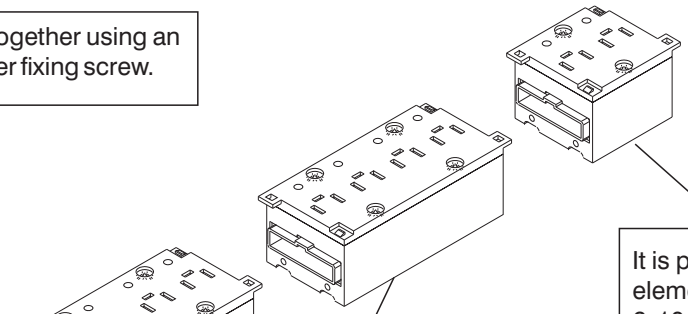
The integral electrical design for the series 2400 valve is extremely flexible, allowing the production of pre-wired solenoid valve manifolds, the configuration of which can be determined at the point of assembly. The 24 VDC, 12 VDC (equivalent PNP) and 24 VAC* modules are available with 2 or 4 positions. The system assembled is designed for an IP40 protection. IP65 is available on request.

* Attention : If the working tension is 24 VAC DO NOT using modules with protection diode

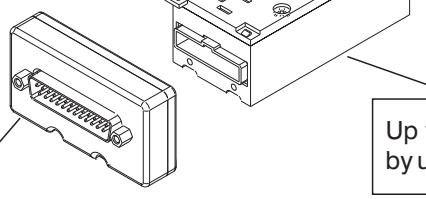


Support plates are supplied to mount the electrical connection elements to the manifold modules. Individual valves can still be removed from the manifold even after assembly is complete. One support plate is required per element.

The elements connect together using an upper coupling and lower fixing screw.

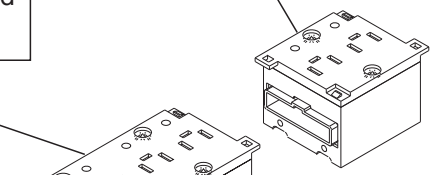


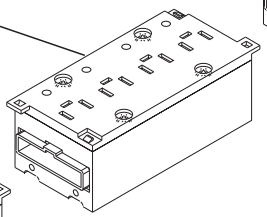
It is possible to use the 2 position element as the first terminal on 2, 6, 10, 14 position assemblies..

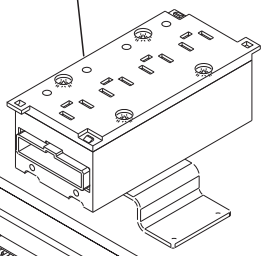


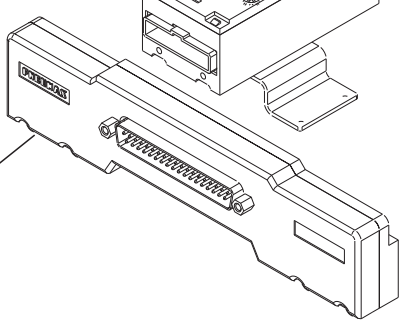
Up to 16 valves can be operated by using 4x4 position elements.

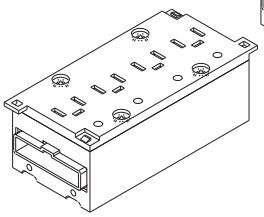
On single solenoid assemblies electrical connection is made using an SUB-D 25 multi-connector.

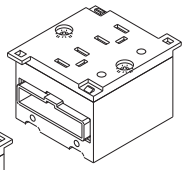












On double solenoid assemblies electrical connection is made usinfg an SUB-D 37 multi-connector.

2

4 positions module

Weight gr. 50
* only for VDC

Ordering code

2400.Ⓟ.Ⓣ

Ⓟ	PLACES
	04=4 Places
	02=2 Places
Ⓣ	TYPE
	00=Left IP40-PNP
	02=Left IP40-PNP with protection diode PNP*
	10=Left IP65-PNP
	12=Left IP65-PNP with protection diode*
	01=Right IP40-PNP
	03=Right IP40-PNP with protection diode*
	11=Right IP65-PNP
	13=Right IP65-PNP with protection diode*

2 positions module

Weight gr. 30
* only for VDC

37 contacts front connector IP65

Ordering code

2400.37.10

Weight gr. 120 - IP 65 protection grade is achieved using the IP65 Pneumax Cable

25 contacts front connector IP65

Ordering code

2400.25.10

Weight gr. 40 - IP 65 protection grade is achieved using the IP65 Pneumax Cable

Plug

Ordering code

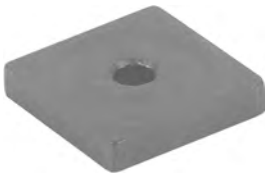
2400.00

Weight gr. 5

Closing plate electrical positions

Ordering code

2400.15.00



Weight gr. 2

VDMA support plate

Ordering code

2440.50

Weight gr. 20

FLAT support plate

Ordering code

2430.50

Weight gr. 20

4 positions box with 25 contacts connector

Ordering code

2400.04.25

Weight gr. 65

15mm male connector with 2 metres cable

Ordering code

2400.15.02

Weight gr. 98

In line cable complete with connector IP40

Ordering code

2400.Ⓣ.Ⓛ.00

Ⓣ	CONNECTOR TYPE
	25=25 contacts
	37=37 contacts
Ⓛ	CABLE LENGTH
	03=3 meters
	05=5 meters
	10=10 meters

Cable complete with connector, 25 Poles IP65

Ordering code

2300.25.Ⓛ.Ⓒ

Ⓛ	CABLE LENGTH
	03=3 meters
	05=5 meters
	10=10 meters
Ⓒ	CONNECTOR
	10=In line
	90=a 90°

Cable complete with connector, 37 Poles IP65

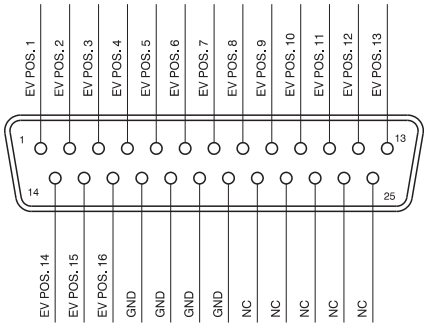
Ordering code

2400.37.Ⓛ.Ⓒ

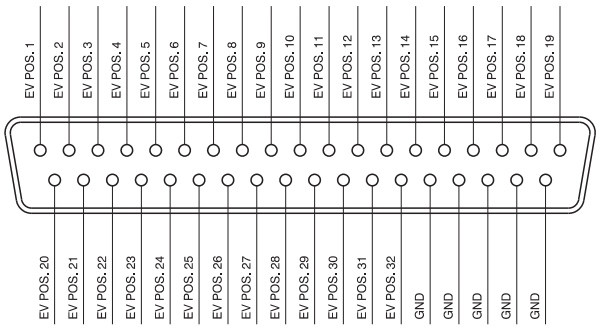
Ⓛ	CABLE LENGTH
	03=3 meters
	05=5 meters
	10=10 meters
Ⓒ	CONNECTOR
	10=In line
	90=a 90°

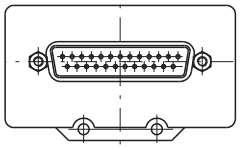
2

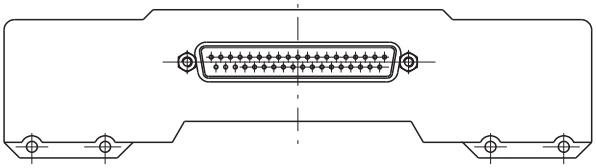
SUB-D 25 CONTACTS CONNECTOR

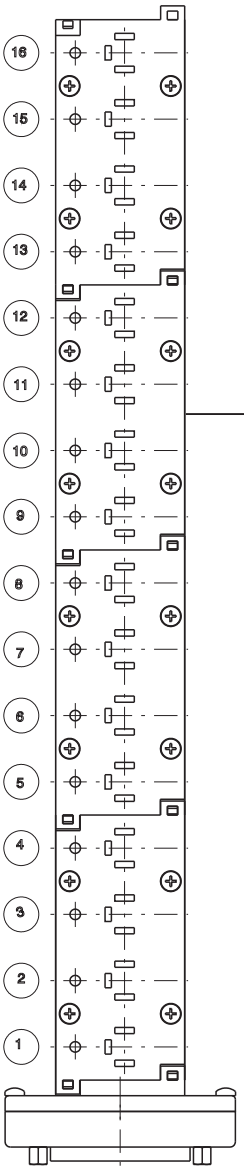


SUB-D 37 CONTACTS CONNECTOR

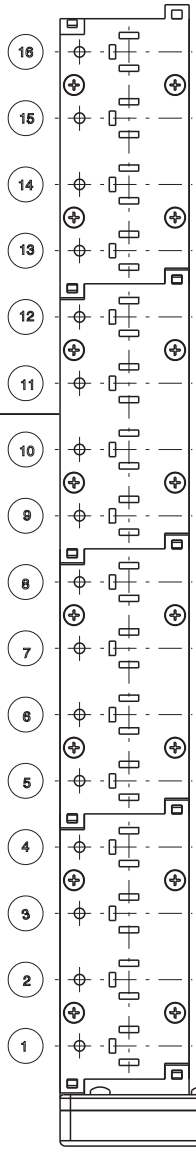








Left modules



Right modules