LINE **120 1/8”** | SOLENOID AND PNEUMATIC VALVES



GENERAL FEATURES

Construction	spool valve
Body size	22mm
Body material	technopolymer
Single use	YES
Manifold use	NO
Available functions	3/2; 5/2; 5/3

GENERAL TECHNICAL DATA

Fluid	filtered air with or without lubrication
Connections	1/8"
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 3°C the air of the circuit must be free from humidity
Reference Flow Rate	P1= 6 bar; △ P= 1 bar; 5/2= 670 (l/min), 5/3= 550 (l/min), 3/2= 690 l/min

GUIDE TO REFERENCES

EV 1/8” 22 3 SL PM NC P

Product
- **EV** = Solenoid valves
- **VP** = Pneumatic valves

Connection
- **1/8”** = G1/8”

Size
- **22** = 22 mm

Function
- **3** = 3/2
- **5** = 5/2
- **6** = 5/3

Operation
- **PN** = Pneumatic
- **SL** = Solenoid
- **SA** = Assisted solenoid with M5

Return
- **PM** = Pneum. mech. spring
- **BS** = Bistable
- **DF** = Differential
- **ML** = Spring

Option
- **NC** = Normally closed
- **NO** = Normally opened
- **CC** = Closed centres
- **CA** = Opened centres
- **CP** = Pressure centres
- **00** = 5/2

Material
- **P** = Technopolymer

HOW ORDERING A SOLENOID VALVE WITH COIL:

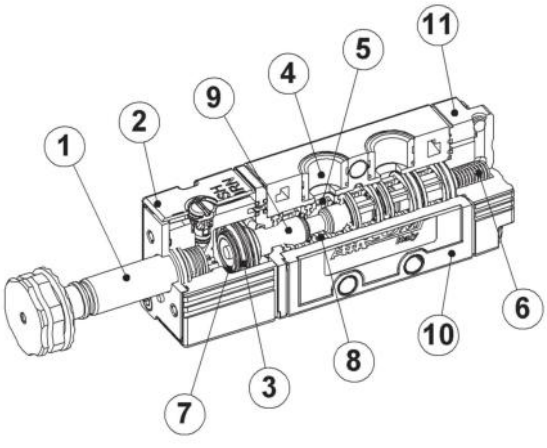
Step 1. Choose the valve without coil
Example of a valve without coil: art. 1202125001 ref. EVR 1/4" 22 5 SL PM OO P

Step 2. Replace the 8th digit with the number corresponding to the required voltage

1 2 0 2 1 2 5 0 1

- **0** = Valve without coil
- **1** = 12V DC
- **2** = 24V DC
- **6** = 24V AC
- **7** = 110V AC
- **8** = 220V AC

Example of valve with coil: art. 1202125201 ref. EVR 1/4" 225 SL PM 00 P 24VDC



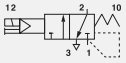
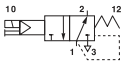
USED MATERIALS

1. **Operator** - Brass, Stainless steel
2. **Operator body** - POM
3. **Piston gasket** - NBR
4. **Insert** - Brass
5. **Spacers** - Brass
6. **Spring** - Stainless steel
7. **Piston** - POM
8. **Gasket** - NBR
9. **Spool** - Nickel Plated Aluminium
10. **Body valve** - PBT+FV
11. **Base command** - PA+FV

LINE **120 EV 1/8”** | SOLENOID VALVES

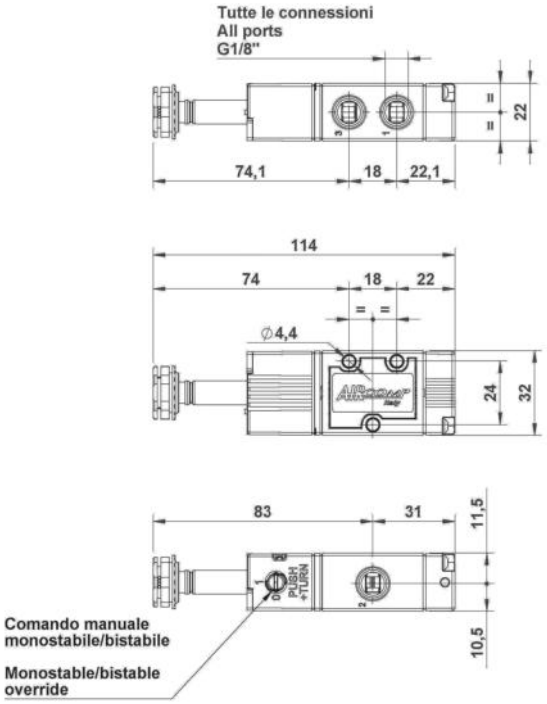
3/2 SINGLE SOLENOID VALVES



	CODE	REFERENCES
	**1202123001**	**EV 1/8" 22 3 SL PM NC P**
	**1202123002**	**EV 1/8" 22 3 SL PM NO P**

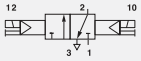
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override mono bistable
Weight 0,080 kg
Coil is supplied separately page 2.60



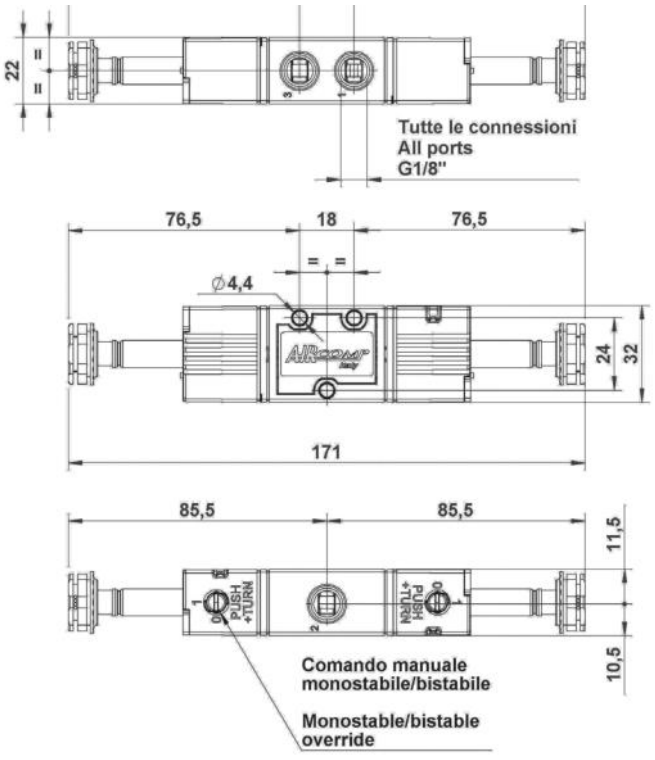
3/2 DOUBLE SOLENOID VALVES



	CODE	REFERENCES
	**1202123003**	**EV 1/8" 22 3 SL BS OO P**

TECHNICAL DATA

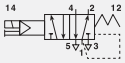
Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override mono bistable
Weight 0,102 kg
Coil is supplied separately page 2.60



LINE **120 EV 1/8”** | SOLENOID VALVES

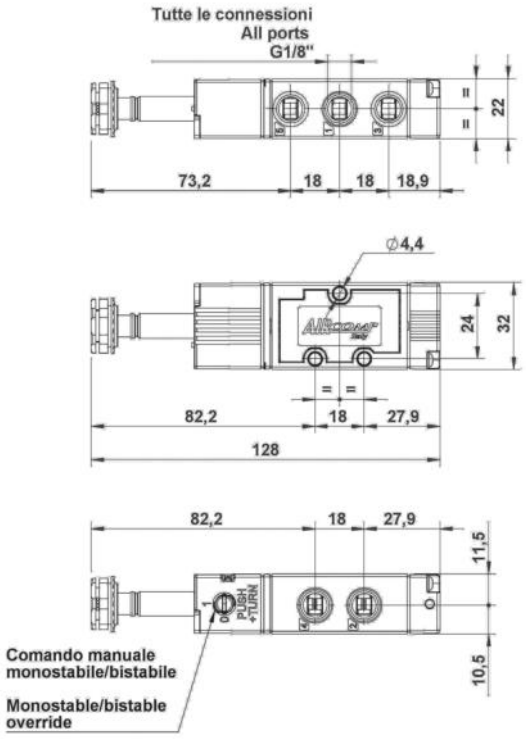
5/2 SINGLE SOLENOID VALVES



	CODE	REFERENCES
	**1202125001**	**EV 1/8" 22 5 SL PM OO P**

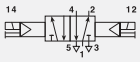
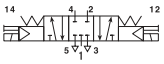
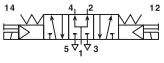
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override mono - bistable
Weight 0,086 kg
Coil is supplied separately page 2.60



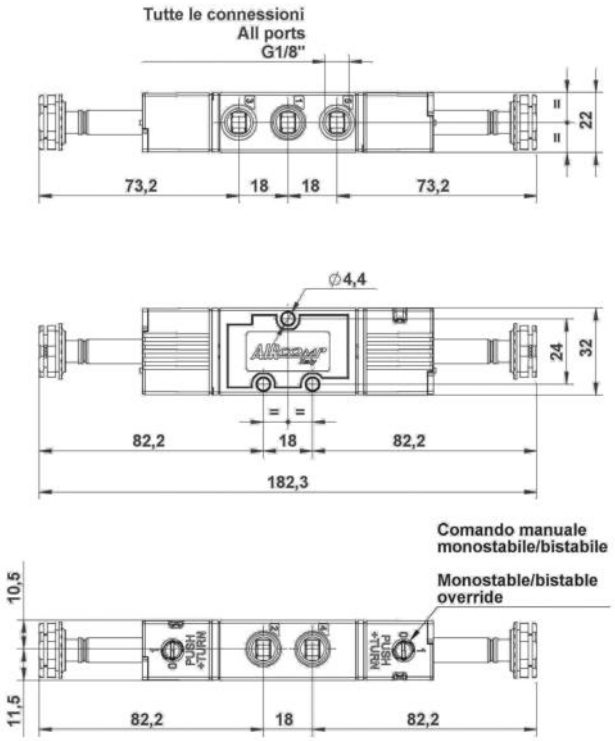
5/2 - 5/3 DOUBLE SOLENOID VALVES



	CODE	REFERENCES
	**1202125002**	**EV 1/8" 22 5 SL BS OO P**
	**1202126001**	**EV 1/8" 22 6 SL RC CC P**
	**1202126002**	**EV 1/8" 22 6 SL RC CA P**
	**1202126003**	**EV 1/8" 22 6 SL RC CP P**

TECHNICAL DATA

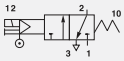
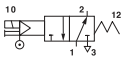
Working pressure (5/2 - 5/3) 5/2= 0,50÷10 bar (0,050÷1 MPa) 5/3= 2÷10 bar (0,20÷1 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override Mono - bistable
Weight 0,116 kg
Coil is supplied separately page 2.60



LINE **120 EV 1/8”** | SOLENOID VALVES

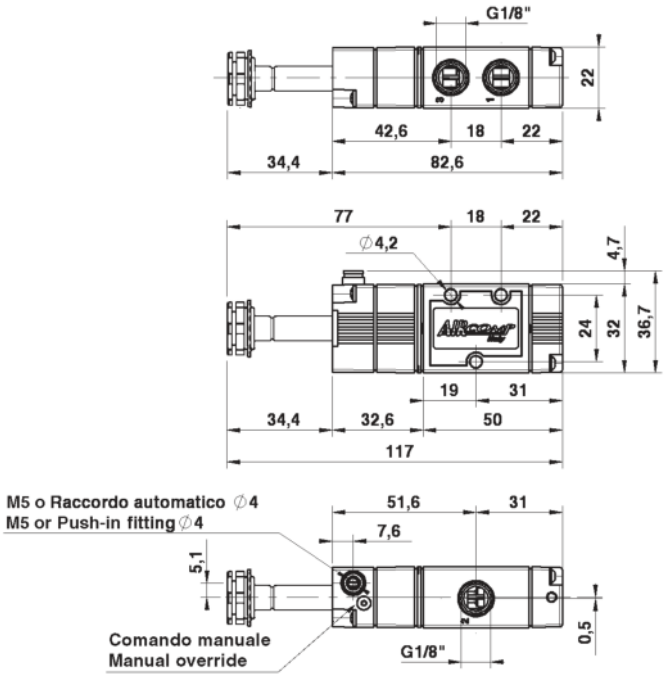
PILOT ASSISTED 3/2 SINGLE SOLENOID VALVES



	CODE	REFERENCES
	**1202123004**	**EV 1/8" 22 3 SA ML NC P**
	**1202123005**	**EV 1/8" 22 3 SA ML NO P**

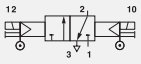
TECHNICAL DATA

Working pressure 0÷10 Bar (0÷1,00 MPa)
Pressure separate air supply 1÷10 Bar (0,10÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override monostable
Weight 0,081 kg
Coil is supplied separately page 2.60



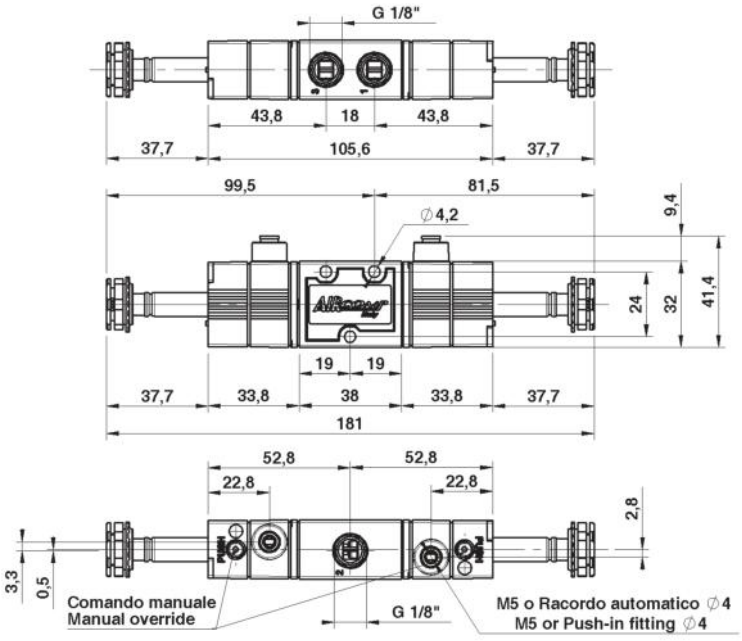
PILOT ASSISTED 3/2 DOUBLE SOLENOID VALVES



	CODE	REFERENCES
	**1202123006**	**EV 1/8" 22 3 SA BS OO P**

TECHNICAL DATA

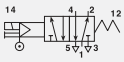
Working pressure 0÷10 Bar (0÷1,00 MPa)
Pressure separate air supply 0,5÷10 Bar (0,05÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override monostable
Weight 0,105 kg
Coil is supplied separately page 2.60



LINE **120 EV 1/8”** | SOLENOID VALVES

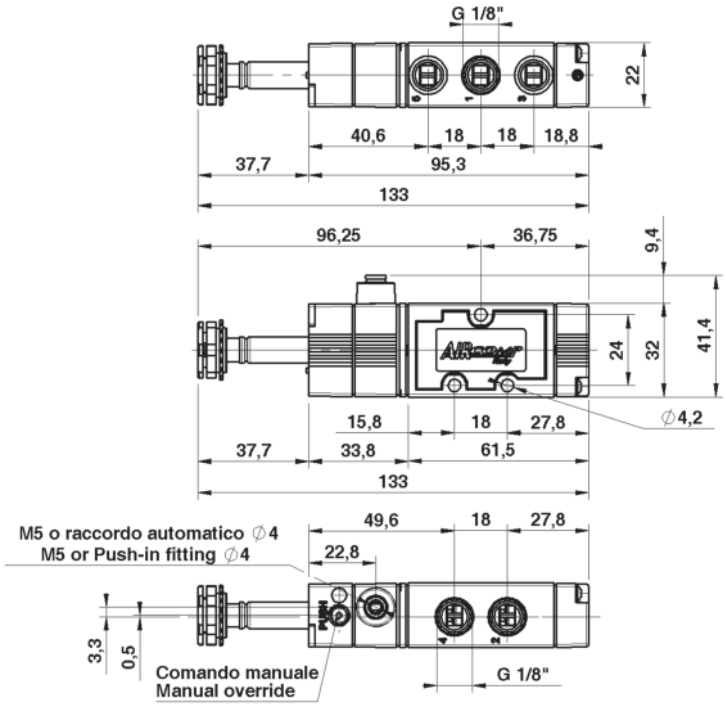
PILOT ASSISTED 5/2 SINGLE SOLENOID VALVES



	CODE	REFERENCES
	**1202125003**	**EV 1/8" 22 5 SA ML 00 P**

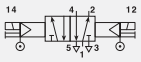
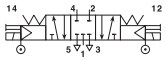
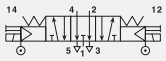
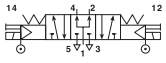
TECHNICAL DATA

Working pressure 0÷10 Bar (0÷1,00 MPa)
Pressure separate air supply 1÷10 Bar (0,10÷1,00 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override monostable
Weight 0,087 kg
Coil is supplied separately page 2.60



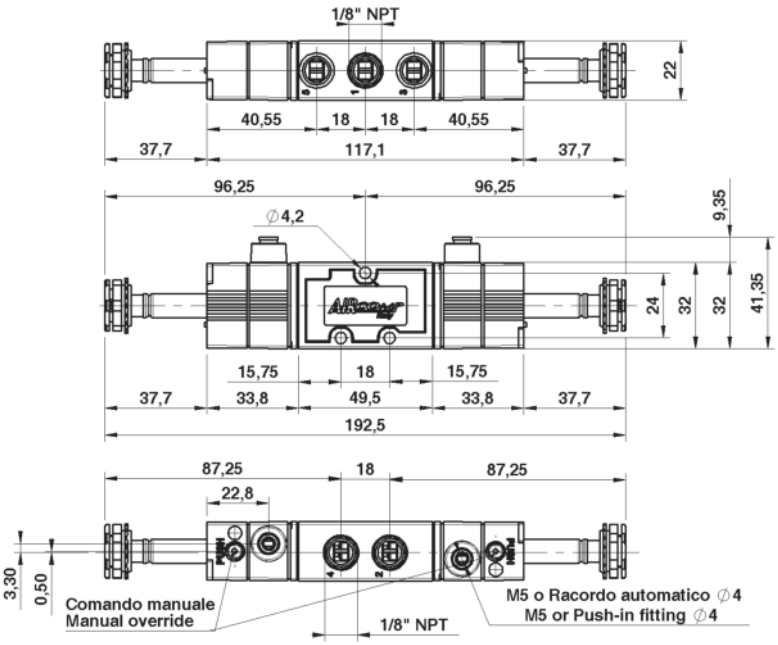
PILOT ASSISTED 5/2 - 5/3 DOUBLE SOLENOID VALVES



	CODE	REFERENCES
	**1202125004**	**EV 1/8" 22 5 SA BS OO P**
	**1202126004**	**EV 1/8" 22 6 SA RC CC P**
	**1202126005**	**EV 1/8" 22 6 SA RC CA P**
	**1202126006**	**EV 1/8" 22 6 SA RC CP P**

TECHNICAL DATA

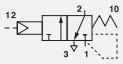
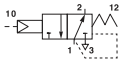
Working pressure 0÷10 Bar (0÷1,00 MPa)
Pressure separate air supply 5/2= 0,5 ÷10 Bar (0,05÷1,00 MPa) 5/3= 2÷10 bar (0,20÷1 MPa)
Voltage 12V DC, 24V AC, 110V AC, 220V AC
Manual override monostable
Weight 0,118 kg
Coil is supplied separately page 2.60



LINE **120 VP 1/8”** | PNEUMATIC VALVES

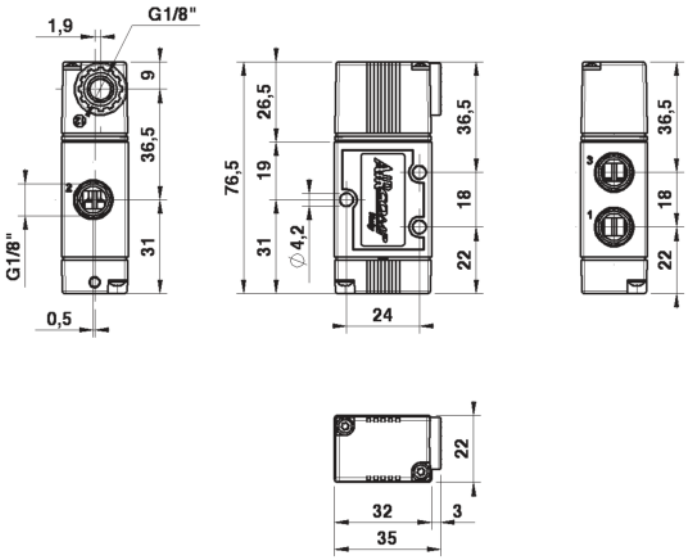
3/2 SINGLE PNEUMATIC VALVES



	CODE	REFERENCES
	**1202223001**	**VP 1/8″ 22 3 PN PM NC P**
	**1202223002**	**VP 1/8″ 22 3 PN PM NO P**

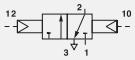
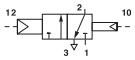
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Pilot operating pressure 1÷10 (0,10÷1,00 MPa)
Weight 0,070 kg



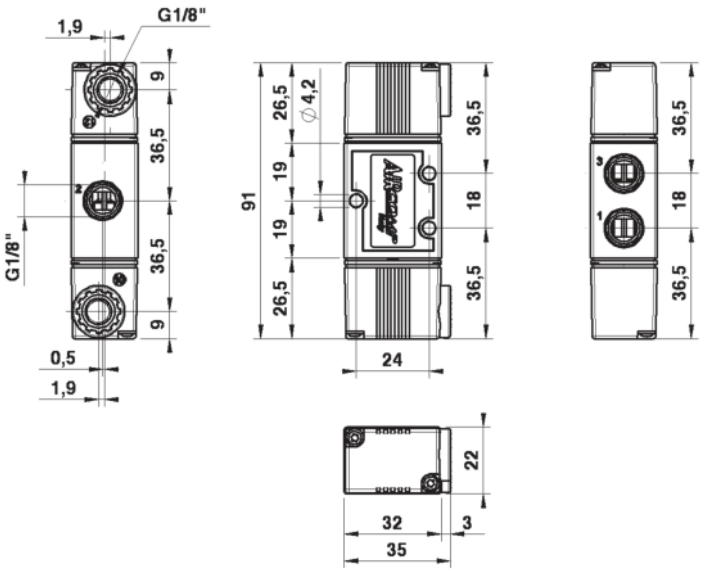
3/2 DOUBLE PNEUMATIC VALVES



	CODE	REFERENCES
	**1202223003**	**VP 1/8″ 22 3 PN BS OO P**
	**1202223004**	**VP 1/8″ 22 3 PN DF OO P**

TECHNICAL DATA

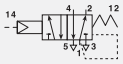
Working pressure 0÷10 Bar (0÷1,00 MPa)
Pilot operating pressure 0,5÷10 (0,05÷1,00 MPa)
Weight 0,095 kg



LINE **120 VP 1/8”** | PNEUMATIC VALVES

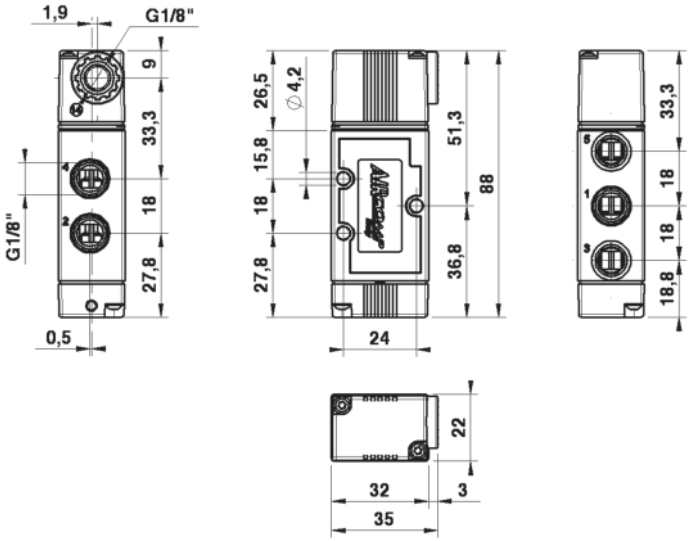
5/2 SINGLE PNEUMATIC VALVES



	CODE	REFERENCES
	**1202225001**	**VP 1/8" 22 5 PN PM OO P**

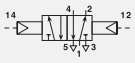
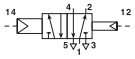
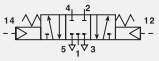
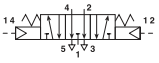
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Pilot operating pressure 1÷10 (0,10÷1,00 MPa)
Weight 0,077 kg



5/2 - 5/3 DOUBLE PNEUMATIC VALVES



	CODE	REFERENCES
	**1202225002**	**VP 1/8" 22 5 PN BS OO P**
	**1202225003**	**VP 1/8" 22 5 PN DF OO P**
	**1202226001**	**VP 1/8" 22 6 PN RC CC P**
	**1202226002**	**VP 1/8" 22 6 PN RC CA P**
	**1202226003**	**VP 1/8" 22 6 PN RC CP P**

TECHNICAL DATA

Working pressure 0÷10 Bar (0÷1,00 MPa)
Pilot operating pressure 5/2= 0,5÷10 (0,05÷1,00 MPa) 5/3= 2÷10 bar (0,20÷1 MPa)
Weight 0,101 kg

