

Valves Series

Solenoid Valves



01V

Pg. 18.3

Inox Solenoid Valves



X1V

Pg. 18.42

Solenoid Valves



07V

Pg. 18.50

Namur Solenoid Valves



08V

Pg. 18.53

Miniature Electropilots U1



AA

Pg. 18.60

Universal Valves G1/8 - G1/4



CL - CM

Pg. 18.67

Rotary Hand Lever Valves



12V

Pg. 18.96

Micro Valves



AI JET

Pg. 18.99

Micro Valves



AI JET2

Pg. 18.104

16mm Valves - Mechanical and Manual Operators



CH

Pg. 18.107

Pedal Valves



AM

Pg. 18.110

FIELDBUS Valves Series

Fieldbus Electropneumatic Valves



16V

Pg. 18.114

Fieldbus Electropneumatic Valves



17V

Pg. 18.121

ISO Valves Series

Valves ISO 5599 - Size 1 - 2 - 3 - 4



BE

Pg. 18.156

COILS & CONNECTORS Series

Solenoid and Connectors



Coils & Connectors

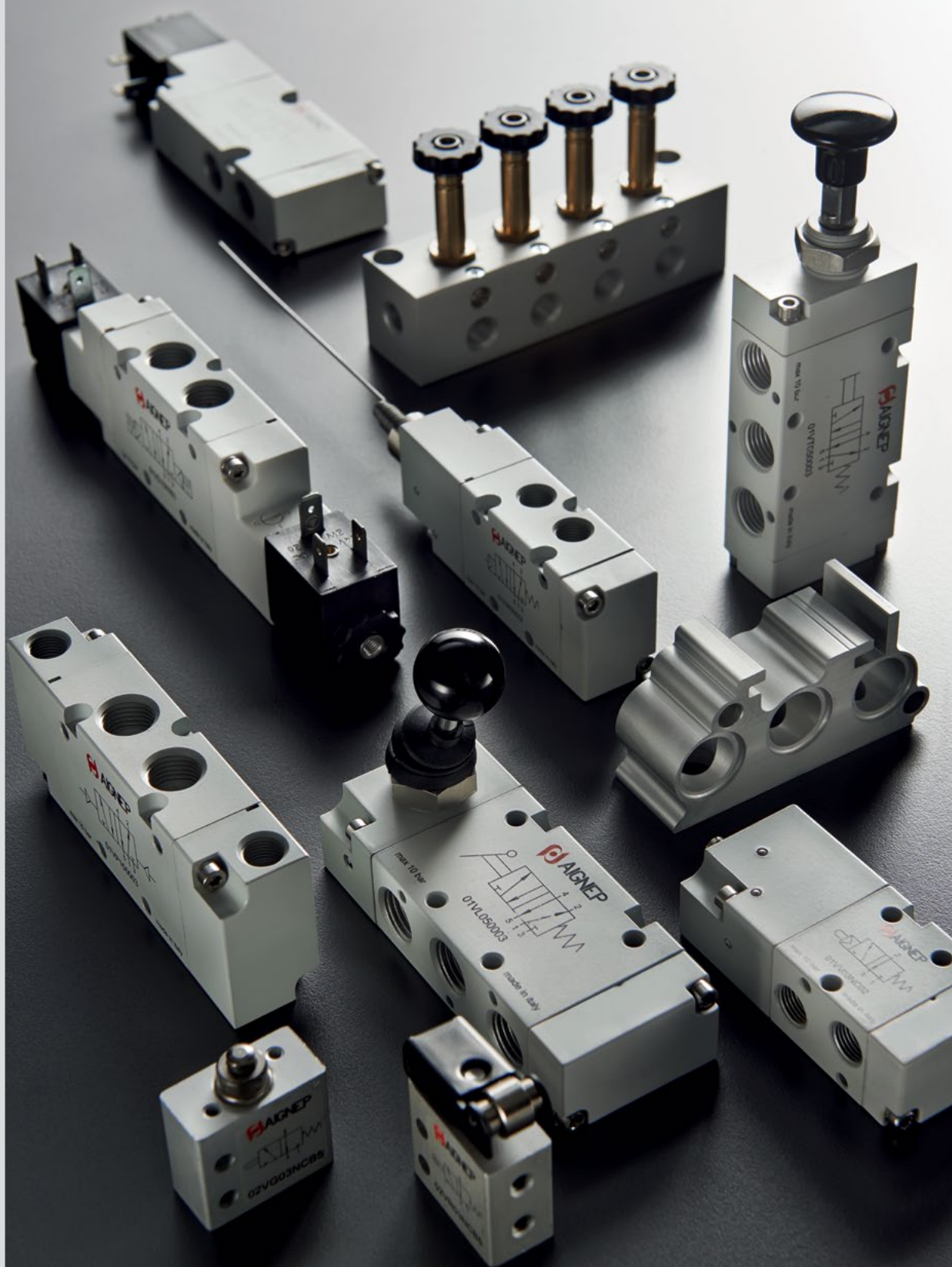
Pg. 18.169

Click here to view the **Valves Series** on our Website



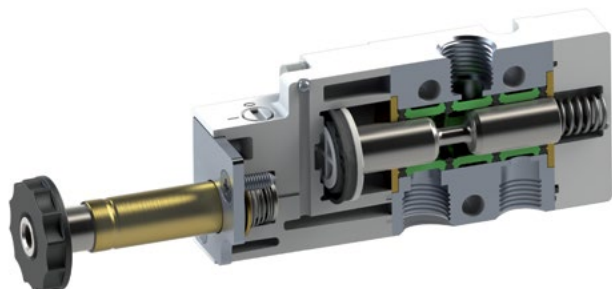
MANUAL, PNEUMATIC, SOLENOID PILOT,
FIELD BUS AND ISO VALVES

Valves Series





TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006 REACH	2011/65/CE RoHS	PED 2014/68/UE	ATEX 2014/34/UE	II 2GD Ex h IIC T6
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Component Parts and Materials

Anodised aluminium body
Chemical nickel-plated spool
NBR seals

	1/8	1/4	3/8	1/2
THREADED	G 1/8 NPTF 1/8	G 1/4 NPTF 1/4	G 3/8 NPTF 3/8	G 1/2 NPTF 1/2
6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min	2000 NI/min	5000 NI/min
OPERATING PRESSURE	Monostable Spring return			
	29 ÷ 145 psi (2 ÷ 10 bar)			
	Monostable Pneumatic return			
	29 ÷ 145 psi (2 ÷ 10 bar)			
TEMPERATURE	Monostable Spring pneumatic return			
	44 ÷ 145 psi (3 ÷ 10 bar)			
SOLENOID VOLTAGE	Bistable			
	15 ÷ 145 psi (1 ÷ 10 bar)			
MINIMUM POWER	min			
	-10 °C +14 °F			
MANUAL CONTROL	max			
	+60 °C +140 °F			
TORQUE OF THE TIGHTENING SOLENOID'S NUT	24V DC - 12V DC - 24V AC - 110V AC - 220V AC			
	2W - 3VA			
BISTABLE	2W - 3VA			
	BISTABLE			
TORQUE OF THE TIGHTENING SOLENOID'S NUT	0.6 Nm			
	0.6 Nm			

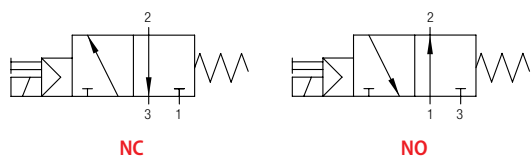
Series	Actuation	Reactuation	Ways	Function	Size	Thread	Solenoid
0 1 V	S	0	3	N C	0 2		S A
	S = Solenoid	0 = Monostable spring return	3 = 3/2	NO = Normally open	02 = 1/8	= BSPP	SA = SOL01012C1000
		1 = Bistable	5 = 5/2	NC = Normally closed	03 = 1/4	N = NPTF	S1 = SOL01024A2000
		4 = Pneumatic return	7 = 5/3	CC = All Ports Blocked	04 = 3/8		SB = SOL01024C1000
		5 = Spring Pneumatic return		OC = Cylinder Ports Open to Exhaust	05 = 1/2		SZ = SOL01024C3000
				PC = Cylinder Ports Pressurized			S2 = SOL01110A2000
				00 = Function not provided			S3 = SOL01220A2000
							UA = SOLU1012C1000
							U1 = SOLU1024A2000
							UB = SOLU1024C1000
							UZ = SOLU1024C3000
							U2 = SOLU1110A2000
							U3 = SOLU1220A2000
							WA = SOLX1012C1000
							W1 = SOLX1024A2000
							WB = SOLX1024C1000
							RA = SOLX2012C1000
							R1 = SOLX2024A2000
							RB = SOLX2024C1000
							R2 = SOLX2110A2000
							R3 = SOLX2220A2000

SOLENOIDS + CONNECTOR

SEE PAGE: 18.169

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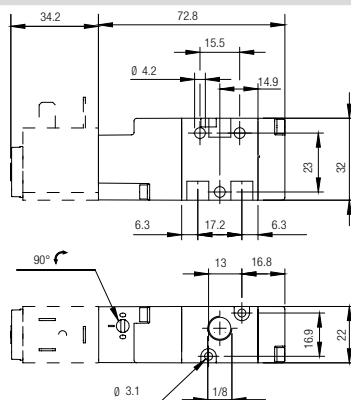
Single Solenoid Pilot - Spring Return



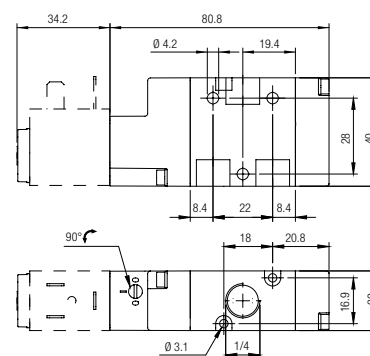
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01V S0 3 NC 02	3/2 NC	G 1/8	1
01V S0 3 NC 03	3/2 NC	G 1/4	1
01V S0 3 NC 04	3/2 NC	G 3/8	1
01V S0 3 NC 05	3/2 NC	G 1/2	1
01V S0 3 NO 02	3/2 NO	G 1/8	1
01V S0 3 NO 03	3/2 NO	G 1/4	1
01V S0 3 NO 04	3/2 NO	G 3/8	1
01V S0 3 NO 05	3/2 NO	G 1/2	1
01V S4 3 NC 02	3/2 NC	G 1/8	1
01V S4 3 NC 03	3/2 NC	G 1/4	1
01V S4 3 NO 02	3/2 NO	G 1/8	1
01V S4 3 NO 03	3/2 NO	G 1/4	1
01V S5 3 NC 02	3/2 NC	G 1/8	1
01V S5 3 NC 03	3/2 NC	G 1/4	1
01V S5 3 NO 02	3/2 NO	G 1/8	1
01V S5 3 NO 03	3/2 NO	G 1/4	1

Code	Function	Size	Pack.
01V S0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V S0 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V S0 3 NC 04 N	3/2 NC	NPTF 3/8	1
01V S0 3 NC 05 N	3/2 NC	NPTF 1/2	1
01V S0 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V S0 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V S0 3 NO 04 N	3/2 NO	NPTF 3/8	1
01V S0 3 NO 05 N	3/2 NO	NPTF 1/2	1
01V S4 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V S4 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V S4 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V S4 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V S5 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V S5 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V S5 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V S5 3 NO 03 N	3/2 NO	NPTF 1/4	1

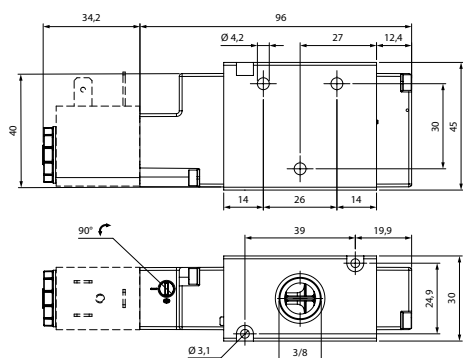
G 1/8 - NPTF 1/8



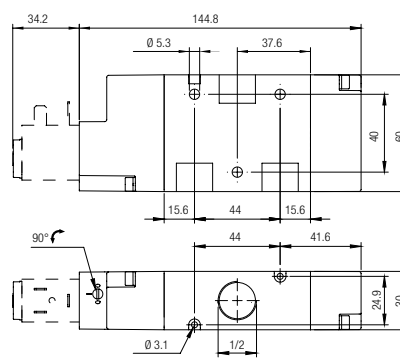
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

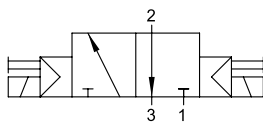


G 1/2 - NPTF 1/2



3/2

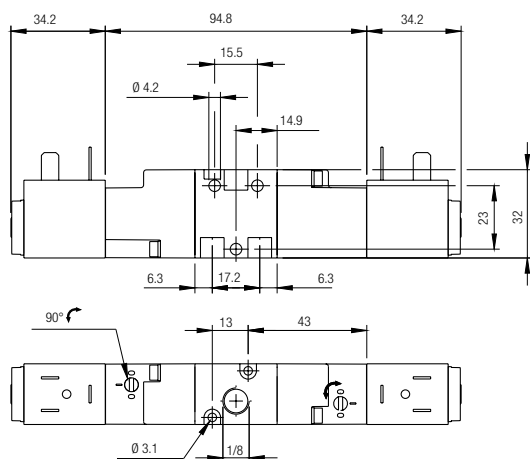
Double Solenoid Pilot



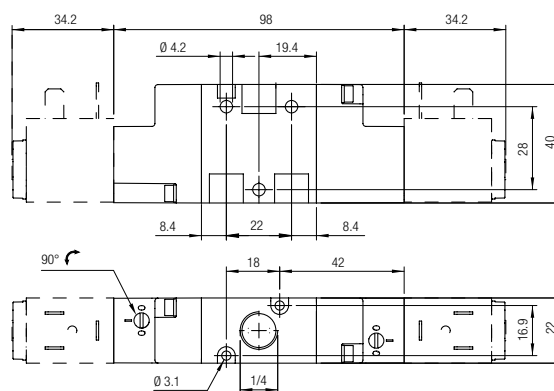
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01V S1 3 00 03	3/2	G 1/4	1
01V S1 3 00 04	3/2	G 3/8	1
01V S1 3 00 05	3/2	G 1/2	1

Code	Function	Size	Pack.
01V S1 3 00 02 N	3/2	NPTF 1/8	1
01V S1 3 00 03 N	3/2	NPTF 1/4	1
01V S1 3 00 04 N	3/2	NPTF 3/8	1
01V S1 3 00 05 N	3/2	NPTF 1/2	1

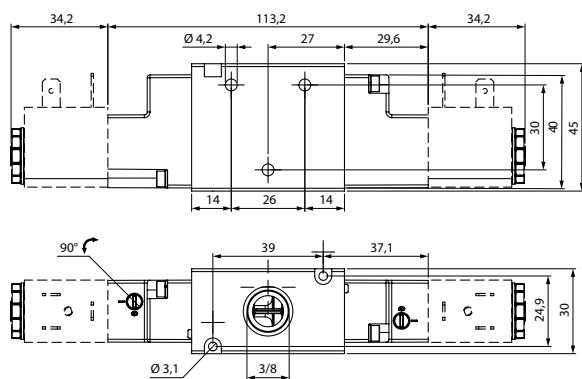
G 1/8 - NPTF 1/8



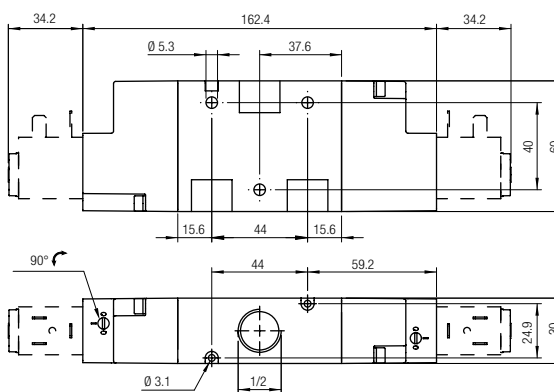
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

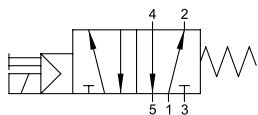


G 1/2 - NPTF 1/2



5/2

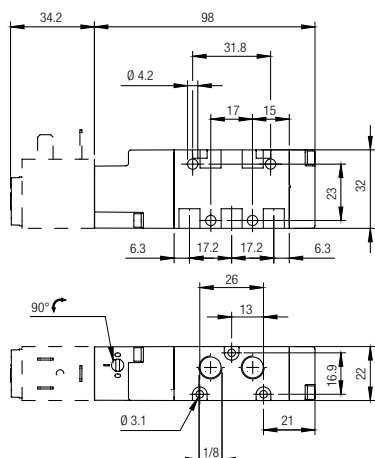
Single Solenoid Pilot - Spring Return



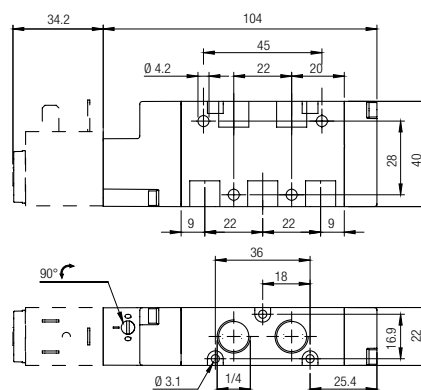
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01V S0 5 00 03	5/2	G 1/4	1
01V S0 5 00 04	5/2	G 3/8	1
01V S0 5 00 05	5/2	G 1/2	1
01V S4 5 00 02	3/2	G 1/8	1
01V S4 5 00 03	3/2	G 1/4	1

Code	Function	Size	Pack.
01V S0 5 00 02 N	5/2	NPTF 1/8	1
01V S0 5 00 03 N	5/2	NPTF 1/4	1
01V S0 5 00 04 N	5/2	NPTF 3/8	1
01V S0 5 00 05 N	5/2	NPTF 1/2	1
01V S4 5 00 02 N	3/2	NPTF 1/8	1
01V S4 5 00 03 N	3/2	NPTF 1/4	1

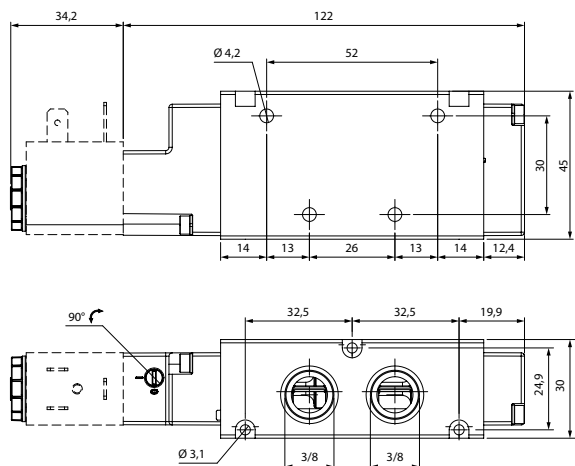
G 1/8 - NPTF 1/8



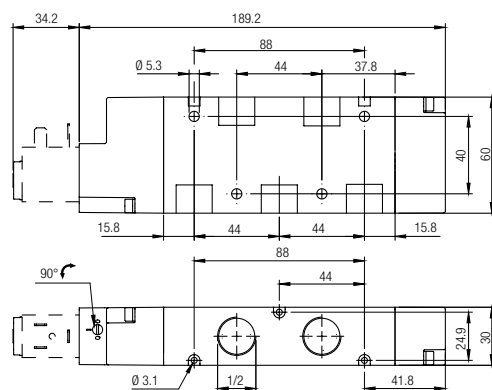
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

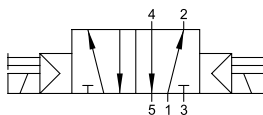


G 1/2 - NPTF 1/2



5/2

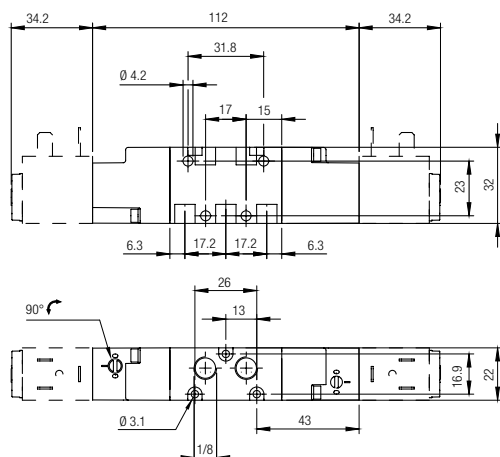
Double Solenoid Pilot



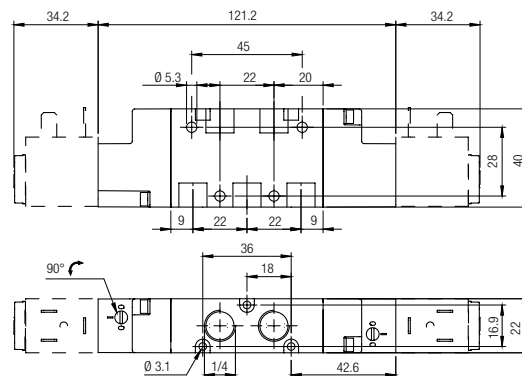
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01V S1 5 00 02	5/2	G 1/8	1
01V S1 5 00 03	5/2	G 1/4	1
01V S1 5 00 04	5/2	G 3/8	1
01V S1 5 00 05	5/2	G 1/2	1

Code	Function	Size	Pack.
01V S1 5 00 02 N	5/2	NPTF 1/8	1
01V S1 5 00 03 N	5/2	NPTF 1/4	1
01V S1 5 00 04 N	5/2	NPTF 3/8	1
01V S1 5 00 05 N	5/2	NPTF 1/2	1

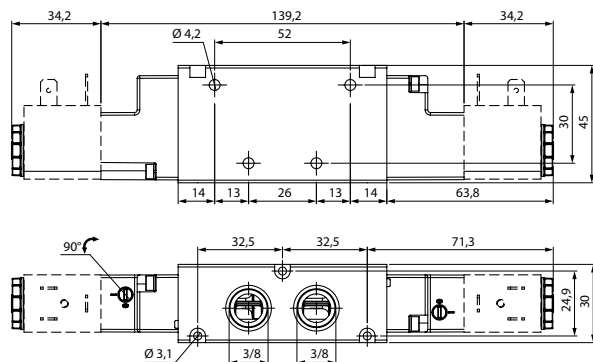
G 1/8 - NPTF 1/8



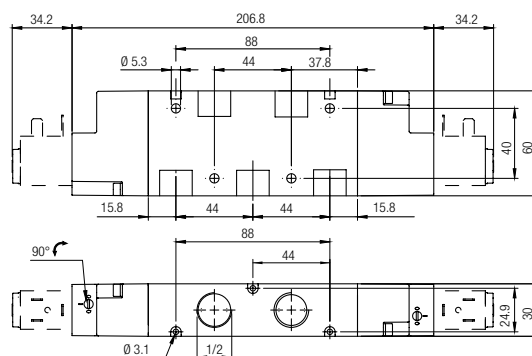
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

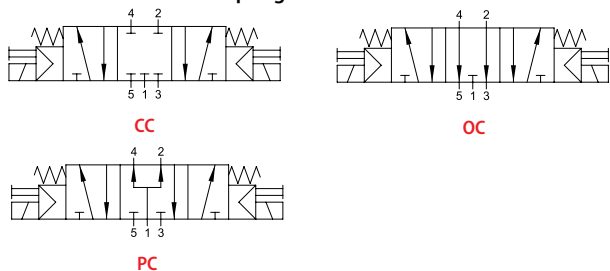


G 1/2 - NPTF 1/2



5/3

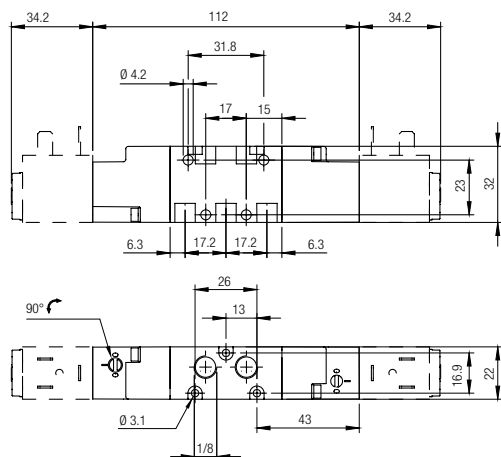
Double Solenoid Pilot - Spring Centered



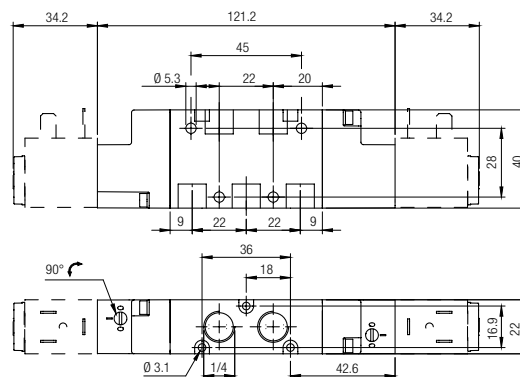
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01V S0 7 CC 03	5/3 CC	G 1/4	1
01V S0 7 CC 04	5/3 CC	G 3/8	1
01V S0 7 CC 05	5/3 CC	G 1/2	1
01V S0 7 OC 02	5/3 OC	G 1/8	1
01V S0 7 OC 03	5/3 OC	G 1/4	1
01V S0 7 OC 04	5/3 OC	G 3/8	1
01V S0 7 OC 05	5/3 OC	G 1/2	1
01V S0 7 PC 02	5/3 PC	G 1/8	1
01V S0 7 PC 03	5/3 PC	G 1/4	1
01V S0 7 PC 04	5/3 PC	G 3/8	1
01V S0 7 PC 05	5/3 PC	G 1/2	1

Code	Function	Size	Pack.
01V S0 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V S0 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V S0 7 CC 04 N	5/3 CC	NPTF 3/8	1
01V S0 7 CC 05 N	5/3 CC	NPTF 1/2	1
01V S0 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V S0 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V S0 7 OC 04 N	5/3 OC	NPTF 3/8	1
01V S0 7 OC 05 N	5/3 OC	NPTF 1/2	1
01V S0 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V S0 7 PC 03 N	5/3 PC	NPTF 1/4	1
01V S0 7 PC 04 N	5/3 PC	NPTF 3/8	1
01V S0 7 PC 05 N	5/3 PC	NPTF 1/2	1

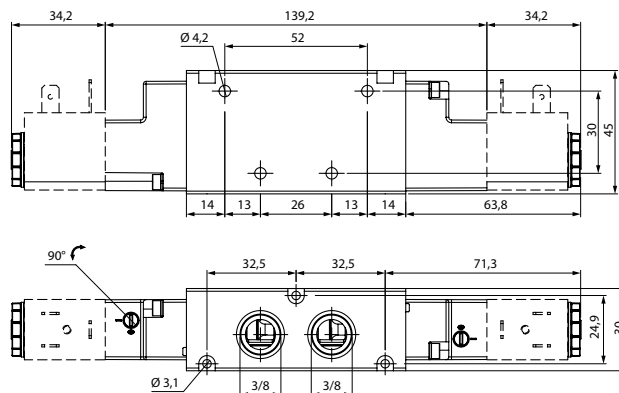
G 1/8 - NPTF 1/8



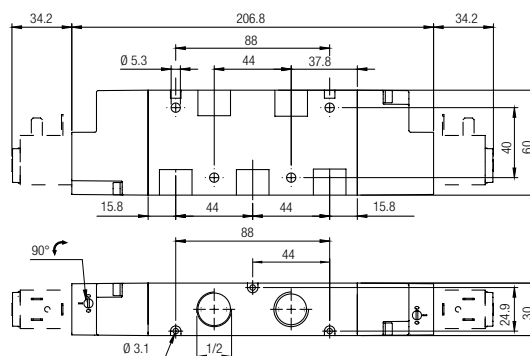
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

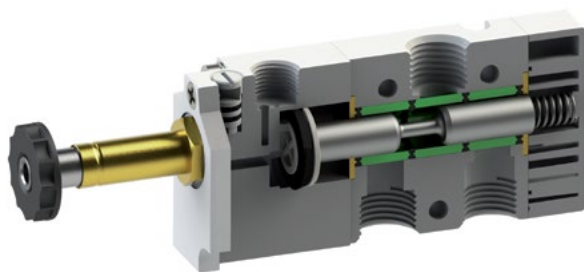


G 1/2 - NPTF 1/2





TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006 REACH	2011/65/CE RoHS	PED 2014/68/UE	ATEX 2014/34/UE	II 2GD Ex h IIC T6
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Component Parts and Materials

Anodised aluminium body
Chemical nickel-plated spool
NBR seals

	1/8	1/4
THREAD	G 1/8 NPTF 1/8	G 1/4 NPTF 1/4
6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min
OPERATING PRESSURE	Vacuum $\div$ 10 bar Vacuum $\div$ 145 psi	
PRESSURE DRIVE	Monostable Pneumatic return	29 $\div$ 145 psi (2 $\div$ 10 bar)
	Monostable Spring return	29 $\div$ 145 psi (2 $\div$ 10 bar)
	Monostable Pneumatic return	29 $\div$ 145 psi (2 $\div$ 10 bar)
	Monostable Spring Pneumatic return	29 $\div$ 145 psi (2 $\div$ 10 bar)
TEMPERATURE	Bistable	15 $\div$ 145 psi (1 $\div$ 10 bar)
SOLENOID VOLTAGE	min	-10 °C +14 °F
	max	+60 °C +140 °F
SOLENOID VOLTAGE	24V DC - 12V DC - 24V AC 110V AC - 220V AC	
MINIMUM POWER	2W - 3VA	
MANUAL CONTROL	BISTABLE	
TIGHTENING TORQUE OF THE SOLENOID'S NUT	0.6 Nm	

Series

Actuation

Reactuation

Ways

Function

Size

Thread

Operator

0 1 V

A

0

3

N C

0 2

S A

A = Solenoid Assisted

0 = Monostable spring return

1 = Bistable

4 = Pneumatic return

5 = Spring Pneumatic return

3 = 3/2

5 = 5/2

7 = 5/3

NO = Normally open

NC = Normally closed

CC = All Ports Blocked

OC = Cylinder Ports Open to Exhaust

PC = Cylinder Ports Pressurized

00 = Function not provided

02 = 1/8

03 = 1/4

= BSPP
N = NPTF

SA = SOL01012C1000

S1 = SOL01024A2000

SB = SOL01024C1000

SZ = SOL01024C3000

S2 = SOL01110A2000

S3 = SOL01220A2000

UA = SOLU01012C1000

U1 = SOLU01024A2000

UB = SOLU01024C1000

UZ = SOLU01024C3000

U2 = SOLU1110A2000

U3 = SOLU1220A2000

WA = SOLX01012C1000

W1 = SOLX01024A2000

WB = SOLX01024C1000

RA = SOLX01012C1000

R1 = SOLX01024A2000

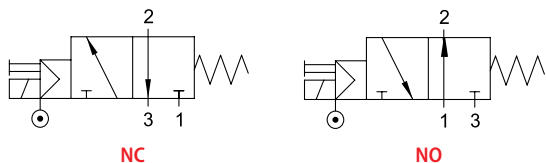
RB = SOLX01024C1000

R2 = SOLX01110A2000

R3 = SOLX01220A2000

3/2

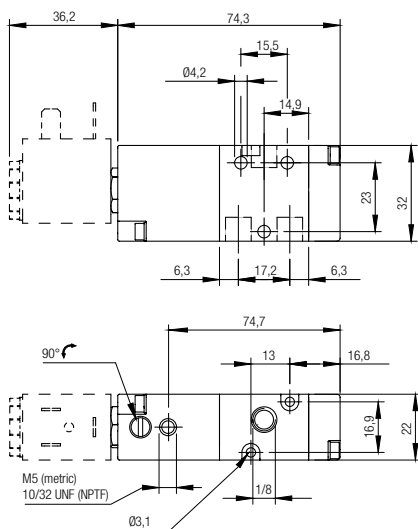
Single Solenoid External Pilot - Spring Return



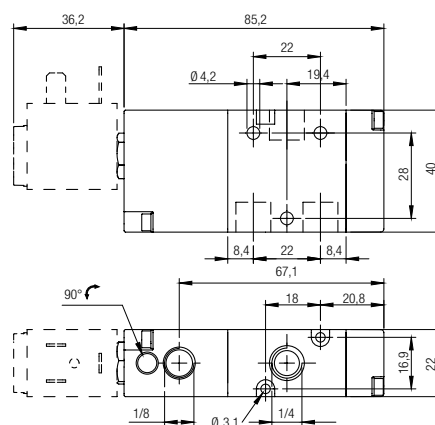
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01V A0 3 NC 03	3/2 NC	G 1/4	1
01V A0 3 NO 02	3/2 NO	G 1/8	1
01V A0 3 NO 03	3/2 NO	G 1/4	1
01V A4 3 NC 02	3/2 NC	G 1/8	1
01V A4 3 NC 03	3/2 NC	G 1/4	1
01V A4 3 NO 02	3/2 NO	G 1/8	1
01V A4 3 NO 03	3/2 NO	G 1/4	1
01V A5 3 NC 02	3/2 NC	G 1/8	1
01V A5 3 NC 03	3/2 NC	G 1/4	1
01V A5 3 NO 02	3/2 NO	G 1/8	1
01V A5 3 NO 03	3/2 NO	G 1/4	1

Code	Function	Size	Pack.
01V A0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V A0 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V A0 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V A0 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V A4 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V A4 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V A4 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V A4 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V A5 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V A5 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V A5 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V A5 3 NO 03 N	3/2 NO	NPTF 1/4	1

G 1/8 - NPTF 1/8

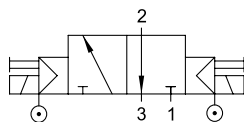


G 1/4 - NPTF 1/4



3/2

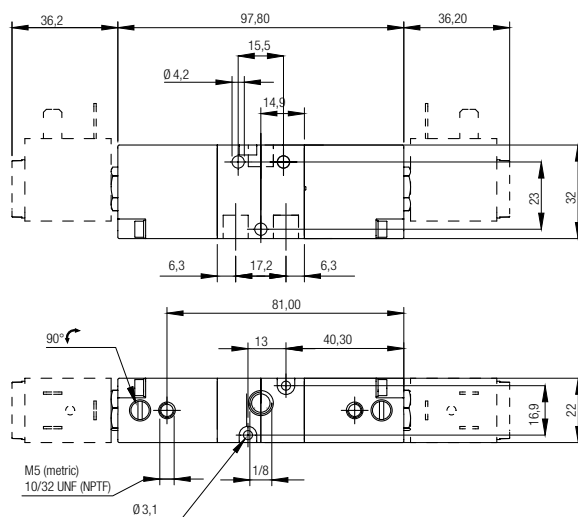
Double Solenoid External Pilot



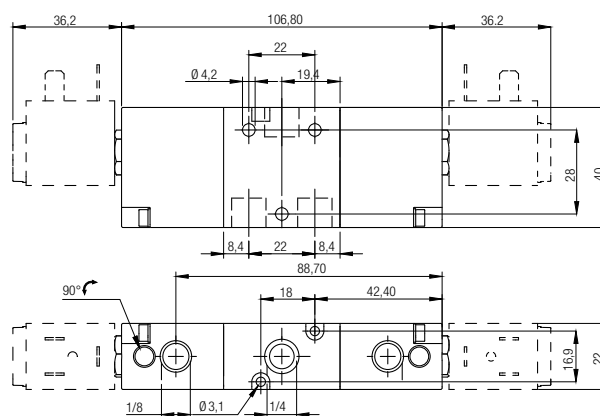
Code	Function	Size	Pack.
01V A1 3 00 02	3/2	G 1/8	1
01V A1 3 00 03	3/2	G 1/4	1

Code	Function	Size	Pack.
01V A1 3 00 02 N	3/2	NPTF 1/8	1
01V A1 3 00 03 N	3/2	NPTF 1/4	1

G 1/8 - NPTF 1/8

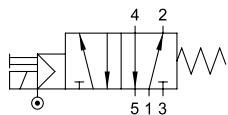


G 1/4 - NPTF 1/4



5/2

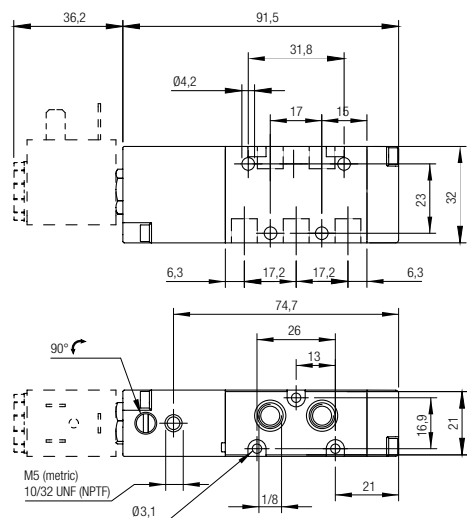
Single Solenoid External Pilot - Spring Return



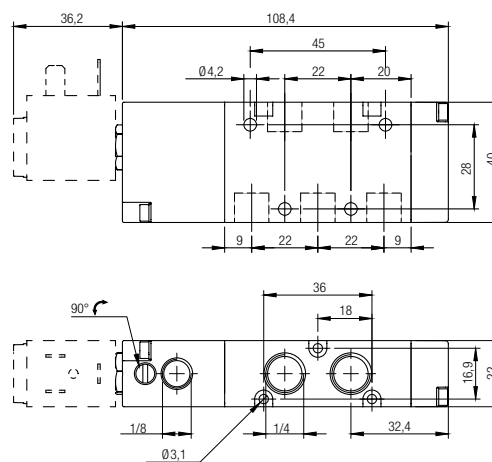
Code	Function	Size	Pack.
01V A0 5 00 02	5/2	G 1/8	1
01V A0 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V A0 5 00 02 N	5/2	NPTF 1/8	1
01V A0 5 00 03 N	5/2	NPTF 1/4	1

G 1/8 - NPTF 1/8

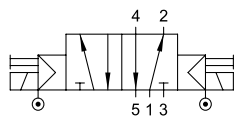


G 1/4 - NPTF 1/4



5/2

Double Solenoid External Pilot

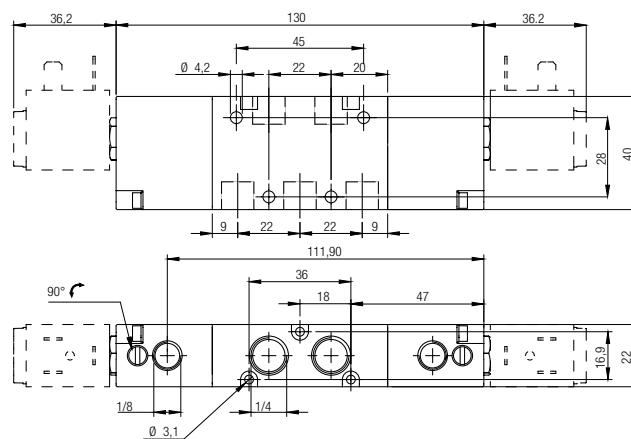
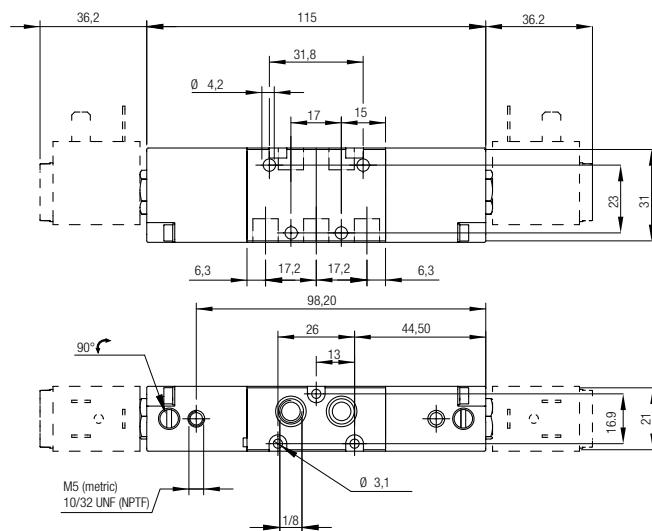


Code	Function	Size	Pack.
01V A1 5 00 02	5/2	G 1/8	1
01V A1 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V A1 5 00 02 N	5/2	NPTF 1/8	1
01V A1 5 00 03 N	5/2	NPTF 1/4	1

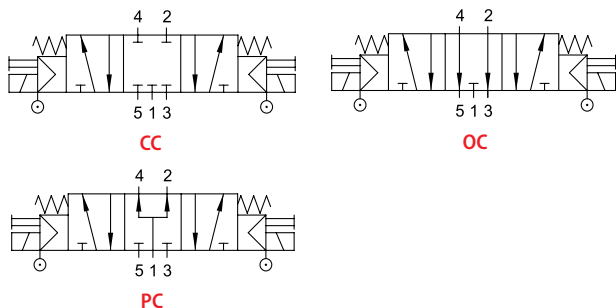
G 1/8 - NPTF 1/8

G 1/4 - NPTF 1/4



5/3

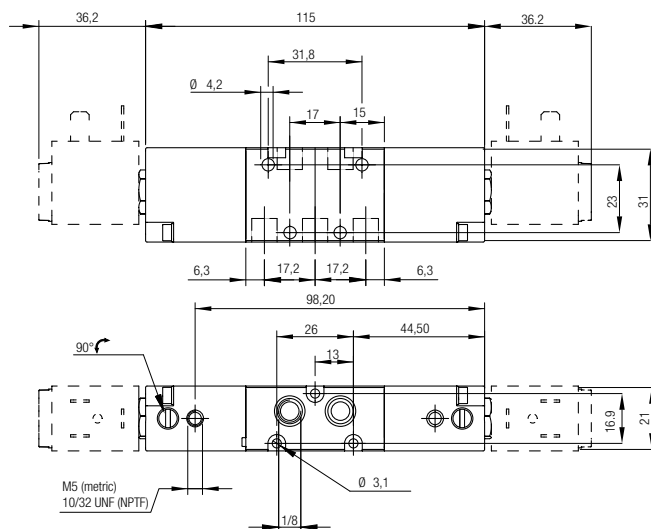
DOUBLE SOLENOID EXTERNAL PILOT - SPRING CENTERED



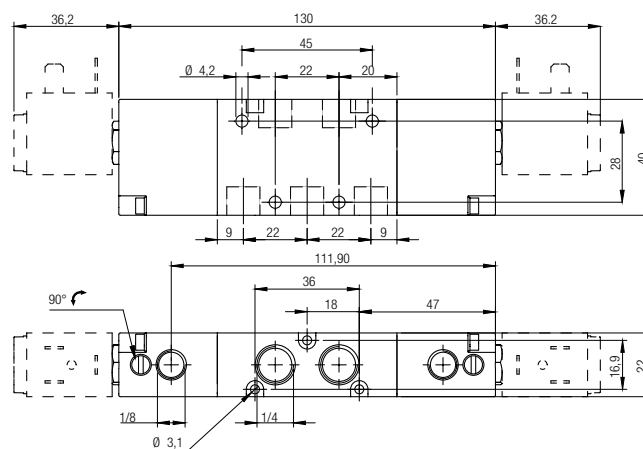
Code	Function	Size	Pack.
01V A0 7 CC 02	5/3 CC	G 1/8	1
01V A0 7 CC 03	5/3 CC	G 1/4	1
01V A0 7 OC 02	5/3 OC	G 1/8	1
01V A0 7 OC 03	5/3 OC	G 1/4	1
01V A0 7 PC 02	5/3 PC	G 1/8	1
01V A0 7 PC 03	5/3 PC	G 1/4	1

Code	Function	Size	Pack.
01V A0 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V A0 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V A0 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V A0 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V A0 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V A0 7 PC 03 N	5/3 PC	NPTF 1/4	1

G 1/8 - NPTF 1/8



G 1/4 - NPTF 1/4

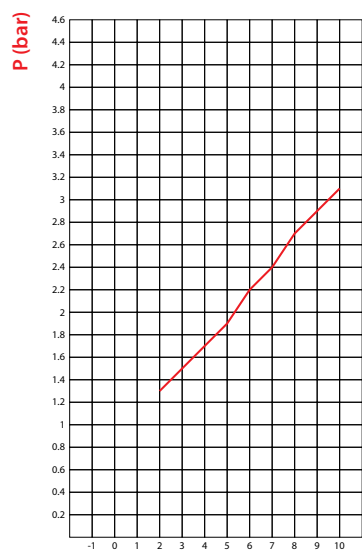




Minimum actuating pressure

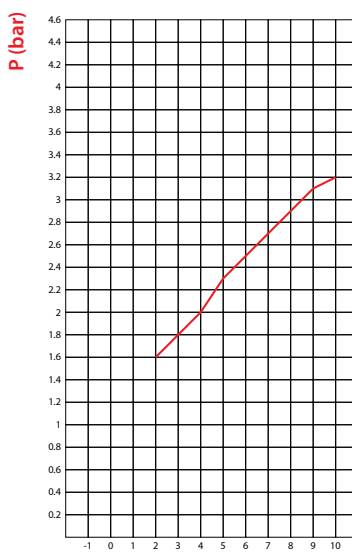
Pilot minimum pressure to feed the valve compared to the *operating pressure*.

01VA 3/2 - 1/8" Pneumatic return



P1 (bar)

01VA 3/2 - 1/4" Pneumatic return



P1 (bar)

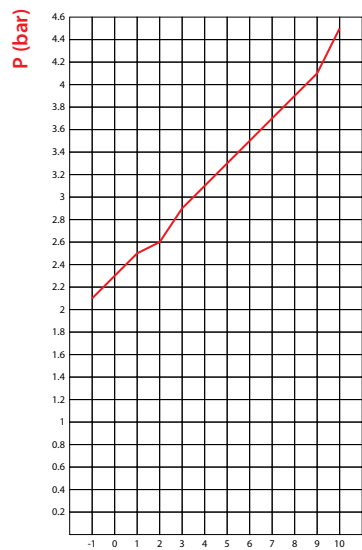
P (bar)

Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

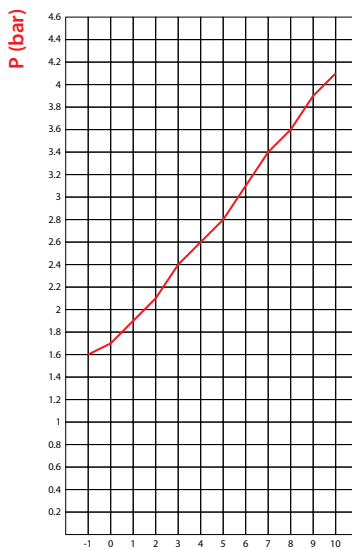
Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional

01VA 3/2 - 1/8" Pneumatic return + Spring



P1 (bar)

01VA 3/2 - 1/4" Pneumatic return + Spring



P1 (bar)

P (bar)

Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

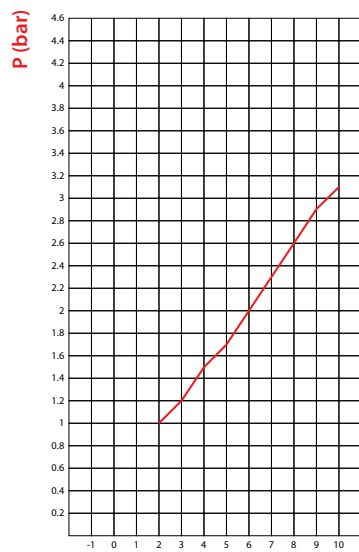
Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional



Minimum actuating pressure

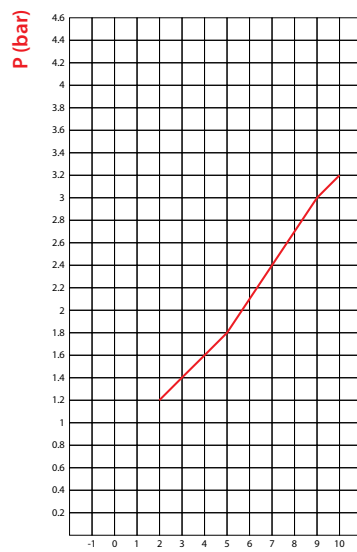
Pilot minimum pressure to feed the valve compared to the *operating pressure*.

01VA 5/2 - 1/8" Pneumatic return



P1 (bar)

01VA 5/2 - 1/4" Pneumatic return



P1 (bar)

P (bar)

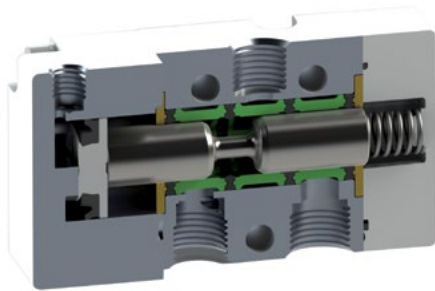
Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional



TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

PED
2014/68/UE

ATEX
2014/34/UE


Component Parts and Materials

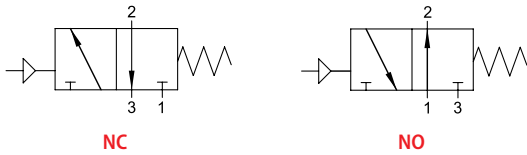
Anodised aluminium body
Chemical nickel-plated spool
NBR seals

		1/8	1/4	3/8	1/2
	THREAD	G 1/8 NPTF 1/8	G 1/4 NPTF 1/4	G 3/8 NPTF 3/8	G 1/2 NPTF 1/2
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min	2000 NI/min	5000 NI/min
	OPERATING PRESSURE	Vacuum ÷ 10 bar Vacuum ÷ 145 psi			
	Monostable Pneumatic return	29 ÷ 145 psi (2 ÷ 10 bar)			
	Monostable Spring return	29 ÷ 145 psi (2 ÷ 10 bar)			
	PRESSURE DRIVE				
	Monostable Pneumatic return	29 ÷ 145 psi (2 ÷ 10 bar)			
	Monostable Spring pneumatic return	29 ÷ 145 psi (2 ÷ 10 bar)			
	Bistable	15 ÷ 145 psi (1 ÷ 10 bar)			
	TEMPERATURE				
	min	-10 °C +14 °F			
	max	+60 °C +140 °F			

Series	Actuation	Reactuation	Ways	Function	Size	Thread
0 1 V	P P = Pneumatic	0 0 = Monostable spring return 1 = Bistable 4 = Pneumatic return 5 = Spring Pneumatic return	3 3 = 3/2 5 = 5/2 7 = 5/3	N C NO = Normally open NC = Normally closed CC = All Ports Blocked OC = Cylinder Ports Open to Exhaust PC = Cylinder Ports Pressurized 00 = Function not provided	0 2 02 = 1/8 03 = 1/4 04 = 3/8 05 = 1/2	 = BSPP N = NPTF

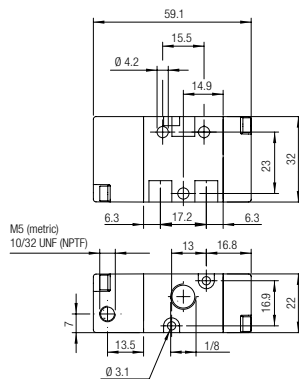
3/2

Single Air Pilot - Spring Return

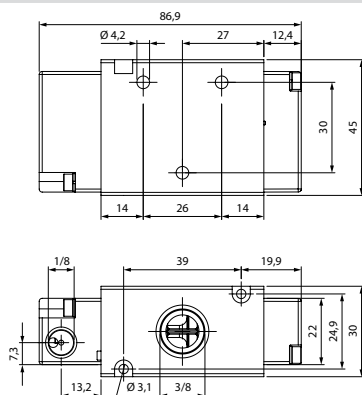


Code	Function	Size	Pack.
01V P0 3 NC 02	3/2 NC	G 1/8	1
01V P0 3 NC 03	3/2 NC	G 1/4	1
01V P0 3 NC 04	3/2 NC	G 3/8	1
01V P0 3 NC 05	3/2 NC	G 1/2	1
01V P0 3 NO 02	3/2 NO	G 1/8	1
01V P0 3 NO 03	3/2 NO	G 1/4	1
01V P0 3 NO 04	3/2 NO	G 3/8	1
01V P0 3 NO 05	3/2 NO	G 1/2	1
01V P4 3 NC 02	3/2 NC	G 1/8	1
01V P4 3 NC 03	3/2 NC	G 1/4	1
01V P4 3 NO 02	3/2 NO	G 1/8	1
01V P4 3 NO 03	3/2 NO	G 1/4	1
01V P5 3 NC 02	3/2 NC	G 1/8	1
01V P5 3 NC 03	3/2 NC	G 1/4	1
01V P5 3 NO 02	3/2 NO	G 1/8	1
01V P5 3 NO 03	3/2 NO	G 1/4	1

G 1/8 - NPTF 1/8

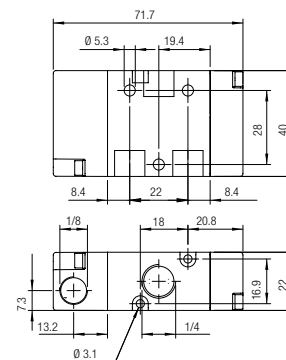


G 3/8 - NPTF 3/8

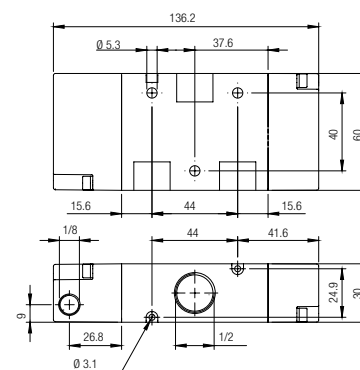


Code	Function	Size	Pack.
01V P0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V P0 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V P0 3 NC 04 N	3/2 NC	NPTF 3/8	1
01V P0 3 NC 05 N	3/2 NC	NPTF 1/2	1
01V P0 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V P0 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V P0 3 NO 04 N	3/2 NO	NPTF 3/8	1
01V P0 3 NO 05 N	3/2 NO	NPTF 1/2	1
01V P4 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V P4 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V P4 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V P4 3 NO 03 N	3/2 NO	NPTF 1/4	1
01V P5 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V P5 3 NC 03 N	3/2 NC	NPTF 1/4	1
01V P5 3 NO 02 N	3/2 NO	NPTF 1/8	1
01V P5 3 NO 03 N	3/2 NO	NPTF 1/4	1

G 1/4 - NPTF 1/4

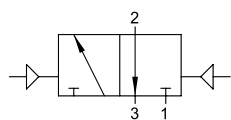


G 1/2 - NPTF 1/2



3/2

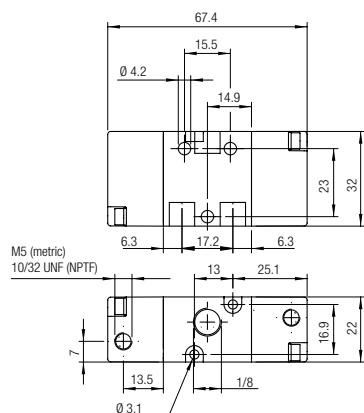
Double Air Pilot



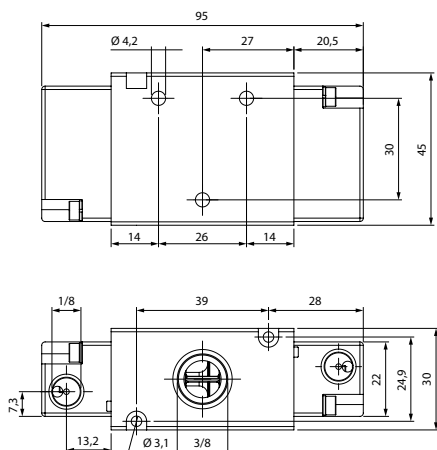
Code	Function	Size	Pack.
01V P1 3 00 02	3/2	G 1/8	1
01V P1 3 00 03	3/2	G 1/4	1
01V P1 3 00 04	3/2	G 3/8	1
01V P1 3 00 05	3/2	G 1/2	1

Code	Function	Size	Pack.
01V P1 3 00 02 N	3/2	NPTF 1/8	1
01V P1 3 00 03 N	3/2	NPTF 1/4	1
01V P1 3 00 04 N	3/2	NPTF 3/8	1
01V P1 3 00 05 N	3/2	NPTF 1/2	1

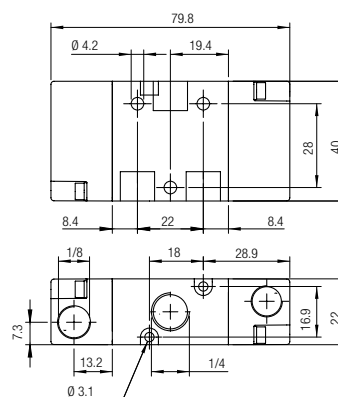
G 1/8 - NPTF 1/8



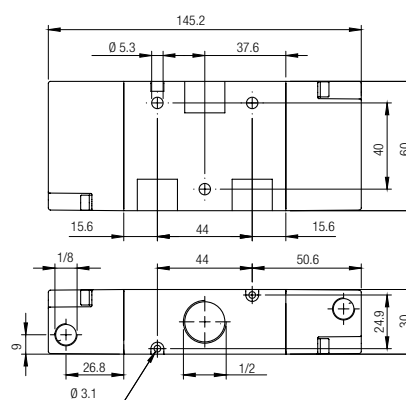
G 3/8 - NPTF 3/8



G 1/4 - NPTF 1/4

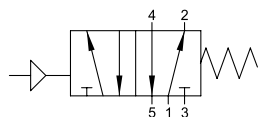


G 1/2 - NPTF 1/2



5/2

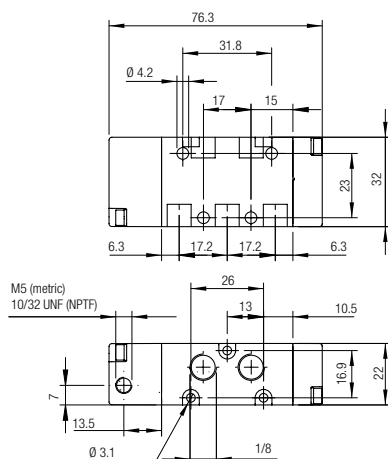
Single Air Pilot - Spring Return



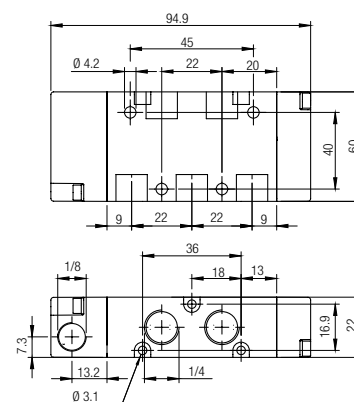
Code	Function	Size	Pack.
01V P0 5 00 02	5/2	G 1/8	1
01V P0 5 00 03	5/2	G 1/4	1
01V P0 5 00 04	5/2	G 3/8	1
01V P0 5 00 05	5/2	G 1/2	1
01V P4 5 00 02	5/2	G 1/8	1
01V P4 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V P0 5 00 02 N	5/2	NPTF 1/8	1
01V P0 5 00 03 N	5/2	NPTF 1/4	1
01V P0 5 00 04 N	5/2	NPTF 3/8	1
01V P0 5 00 05 N	5/2	NPTF 1/2	1
01V P4 5 00 02 N	5/2	NPTF 1/8	1
01V P4 5 00 03 N	5/2	NPTF 1/4	1

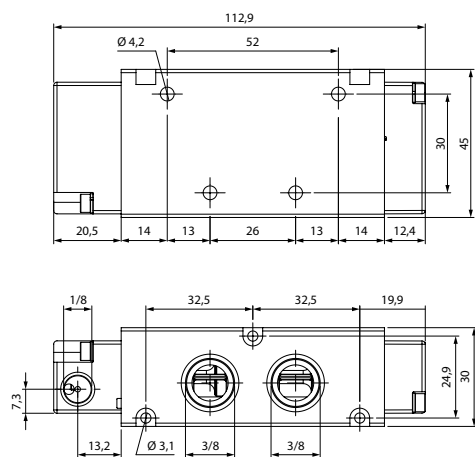
G 1/8 - NPTF 1/8



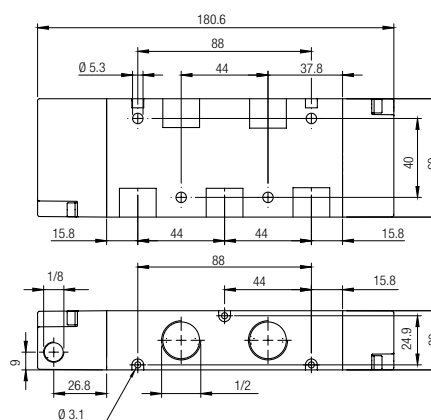
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

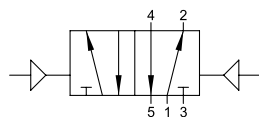


G 1/2 - NPTF 1/2



5/2

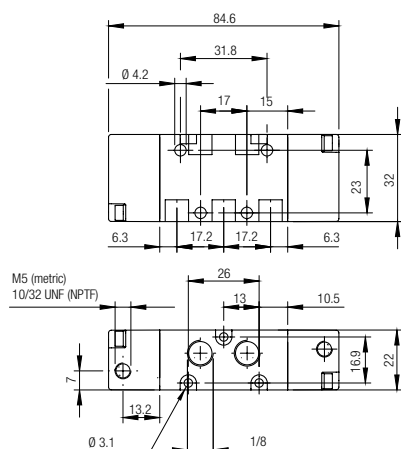
Double Air Pilot



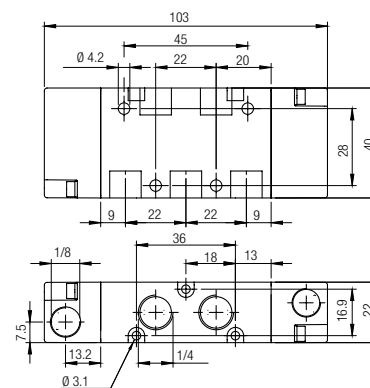
Code	Function	Size	Pack.
01V P1 5 00 02	5/2	G 1/8	1
01V P1 5 00 03	5/2	G 1/4	1
01V P1 5 00 04	5/2	G 3/8	1
01V P1 5 00 05	5/2	G 1/2	1

Code	Function	Size	Pack.
01V P1 5 00 02 N	5/2	NPTF 1/8	1
01V P1 5 00 03 N	5/2	NPTF 1/4	1
01V P1 5 00 04 N	5/2	NPTF 3/8	1
01V P1 5 00 05 N	5/2	NPTF 1/2	1

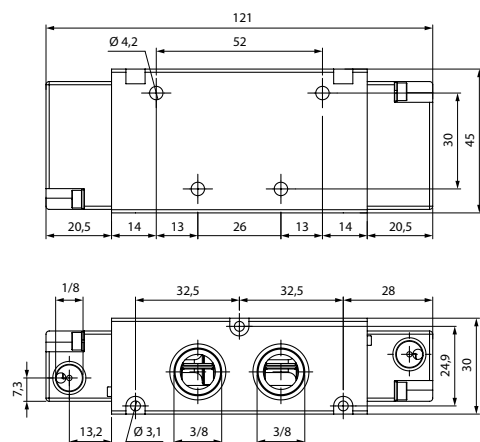
G 1/8 - NPTF 1/8



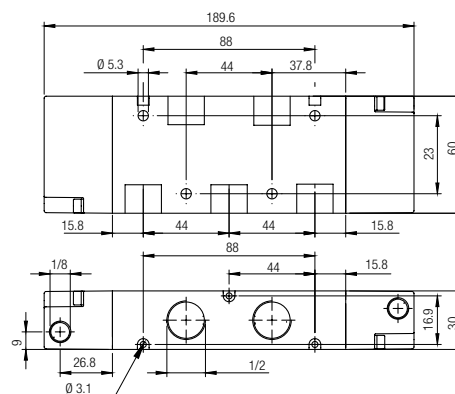
G 1/4 - NPTF 1/4



G 3/8 - NPTF 3/8

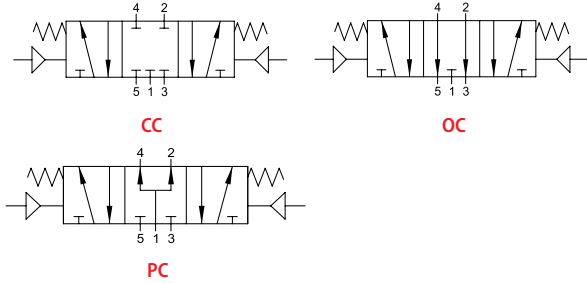


G 1/2 - NPTF 1/2



5/3

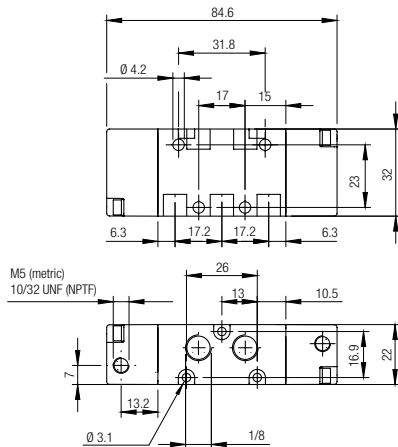
Double Air Pilot - Spring Return



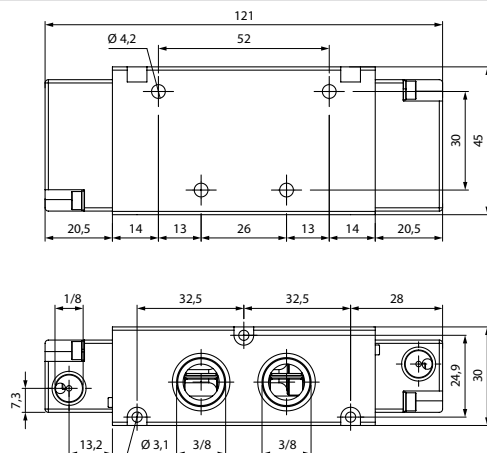
Code	Function	Size	Pack.
01V P0 7 CC 02	5/3 CC	G 1/8	1
01V P0 7 CC 03	5/3 CC	G 1/4	1
01V P0 7 CC 04	5/3 CC	G 3/8	1
01V P0 7 CC 05	5/3 CC	G 1/2	1
01V P0 7 OC 02	5/3 OC	G 1/8	1
01V P0 7 OC 03	5/3 OC	G 1/4	1
01V P0 7 OC 04	5/3 OC	G 3/8	1
01V P0 7 OC 05	5/3 OC	G 1/2	1
01V P0 7 PC 02	5/3 PC	G 1/8	1
01V P0 7 PC 03	5/3 PC	G 1/4	1
01V P0 7 PC 04	5/3 PC	G 3/8	1
01V P0 7 PC 05	5/3 PC	G 1/2	1

Code	Function	Size	Pack.
01V P0 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V P0 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V P0 7 CC 04 N	5/3 CC	NPTF 3/8	1
01V P0 7 CC 05 N	5/3 CC	NPTF 1/2	1
01V P0 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V P0 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V P0 7 OC 04 N	5/3 OC	NPTF 3/8	1
01V P0 7 OC 05 N	5/3 OC	NPTF 1/2	1
01V P0 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V P0 7 PC 03 N	5/3 PC	NPTF 1/4	1
01V P0 7 PC 04 N	5/3 PC	NPTF 3/8	1
01V P0 7 PC 05 N	5/3 PC	NPTF 1/2	1

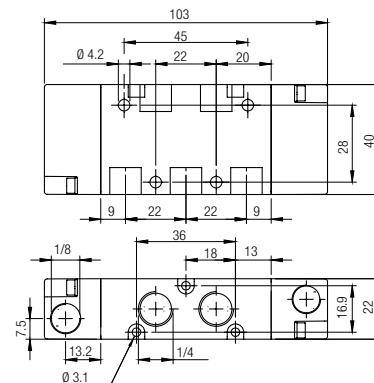
G 1/8 - NPTF 1/8



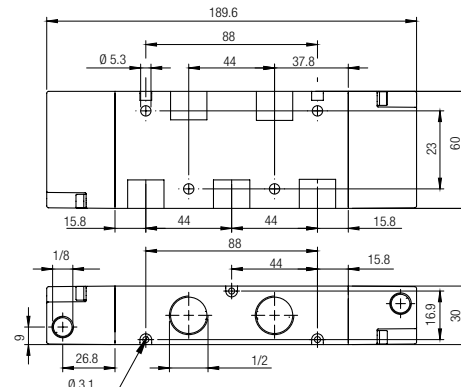
G 3/8 - NPTF 3/8



G 1/4 - NPTF 1/4



G 1/2 - NPTF 1/2

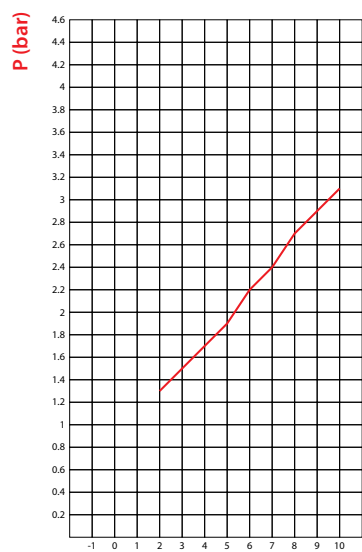




Minimum actuating pressure

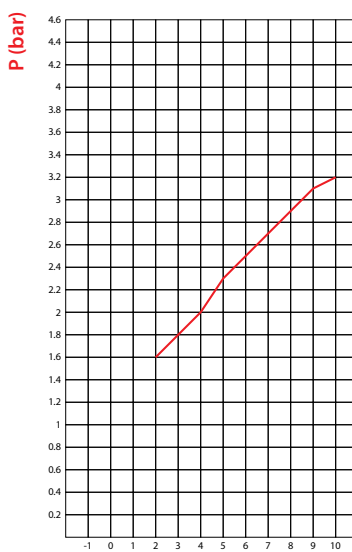
Pilot minimum pressure to feed the valve compared to the *operating pressure*.

01VP 3/2 - 1/8" Pneumatic return



P1 (bar)

01VP 3/2 - 1/4" Pneumatic return



P1 (bar)

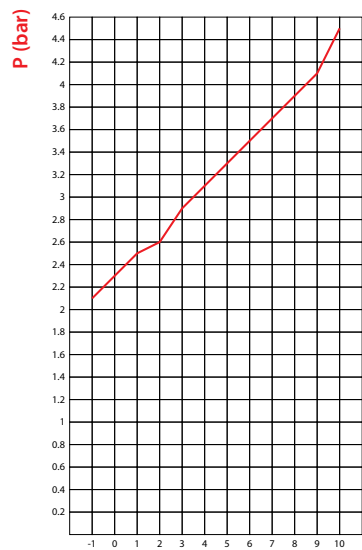
P (bar)

Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

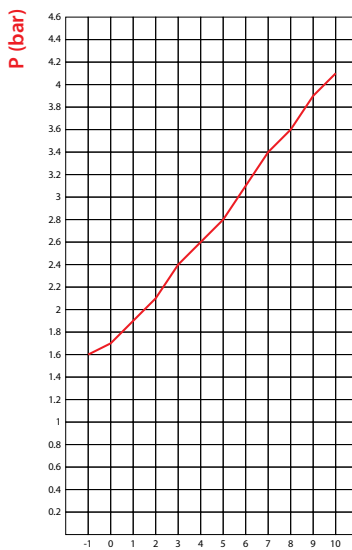
Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional

01VP 3/2 - 1/8" Pneumatic return + Spring



P1 (bar)

01VP 3/2 - 1/4" Pneumatic return + Spring



P1 (bar)

P (bar)

Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional

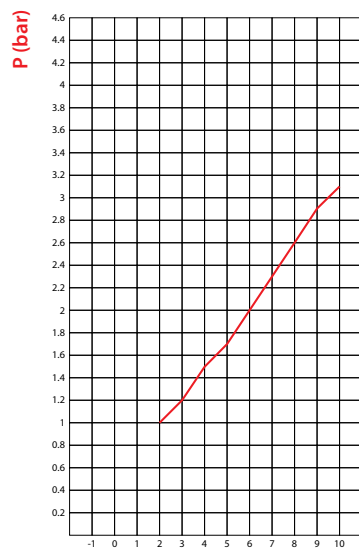


Minimum actuating pressure

Pilot minimum pressure to feed the valve compared to the *operating pressure*.

01VP 5/2 - 1/8"

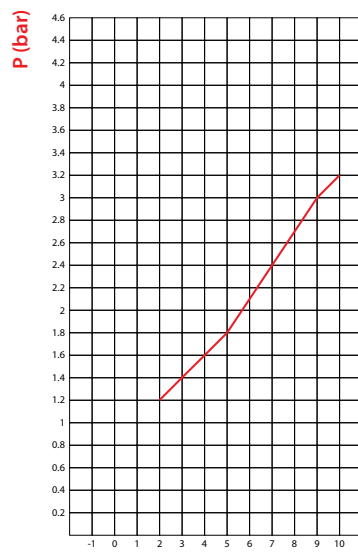
Pneumatic return



P1 (bar)

01VP 5/2 - 1/4"

Pneumatic return



P1 (bar)

P (bar)

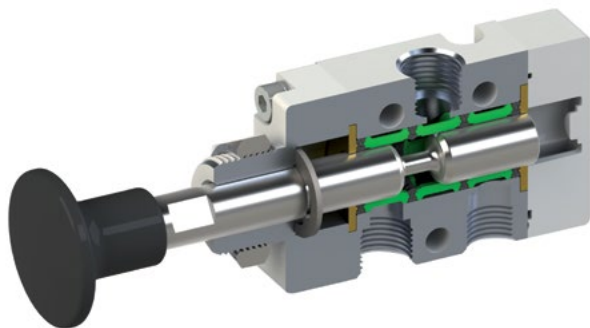
Pressione minima di azionamento
Minimum actuating pressure
Minimaler Betätigungsdruck
Pression d'actionnement minimale
Presión mínima de accionamiento
Pressão mínima de atuação

P1 (bar)

Pressione di funzionamento
Operating pressure
Betriebsdruck
Pression de service
Presión de funcionamiento
Pressão operacional



TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006

REACH

2011/65/CE

RoHS

PED

2014/68/UE

ATEX

2014/34/UE



Component Parts and Materials

Anodised aluminium body
Chemical nickel-plated spool
NBR seals

		1/8	1/4
	THREAD	G 1/8 NPTF 1/8	G 1/4 NPTF 1/4
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min
	OPERATING PRESSURE	Vacuum ÷ 145 psi (Vacuum ÷ 10 bar)	
	TEMPERATURE	min	-10 °C +14 °F
		max	+60 °C +140 °F
	PANEL MOUNT	M 16x1	

Series

Actuation

Reactuation

Ways

Function

Size

Thread

0 1 V

T

T = Button
L = 90° Lever
F = Front lever

0

0 = Monostable
spring return
1 = Bistable
2 = Stable in 3
positions

3

3 = 3/2
5 = 5/2
7 = 5/3

N C

NO = Normally open
NC = Normally closed
CC = All Ports Blocked
OC = Cylinder Ports Open to Exhaust
PC = Cylinder Ports Pressurized
OO = Function not provided

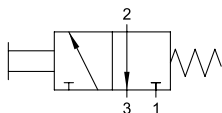
0 2

02 = 1/8
03 = 1/4

= G
N = NPTF

3/2

Button Operated - Spring Return

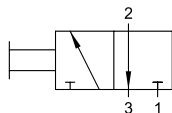


Code	Function	Size	Pack.
01V T0 3 NC 02	3/2 NC	G 1/8	1
01V T0 3 NC 03	3/2 NC	G 1/4	1

Code	Function	Size	Pack.
01V T0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V T0 3 NC 03 N	3/2 NC	NPTF 1/4	1

3/2

Button Operated - Push / Pull



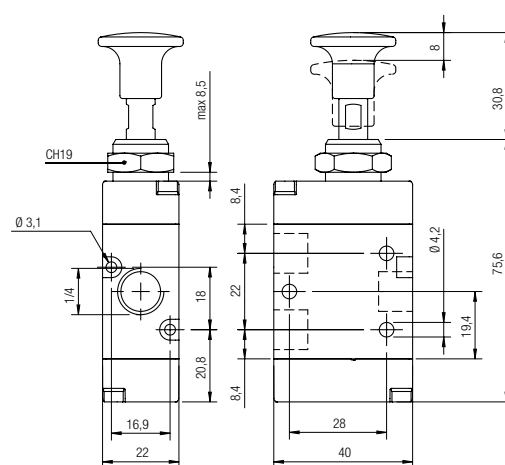
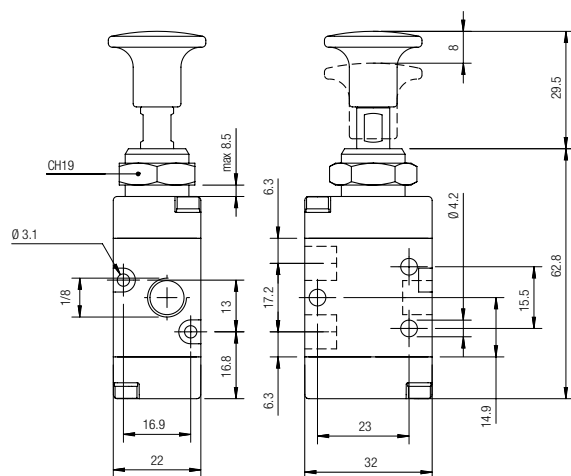
Code	Function	Size	Pack.
01V T1 3 00 02	3/2	G 1/8	1
01V T1 3 00 03	3/2	G 1/4	1

Code	Function	Size	Pack.
01V T1 3 00 02 N	3/2	NPTF 1/8	1
01V T1 3 00 03 N	3/2	NPTF 1/4	1



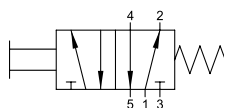
G 1/8 - NPTF 1/8

G 1/4 - NPTF 1/4



5/2

Button Operated - Spring Return



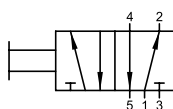
Code	Function	Size	Pack.
01V T0 5 00 02	5/2	G 1/8	1
01V T0 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V T0 5 00 02 N	5/2	NPTF 1/8	1
01V T0 5 00 03 N	5/2	NPTF 1/4	1



5/2

Button Operated - Push / Pull

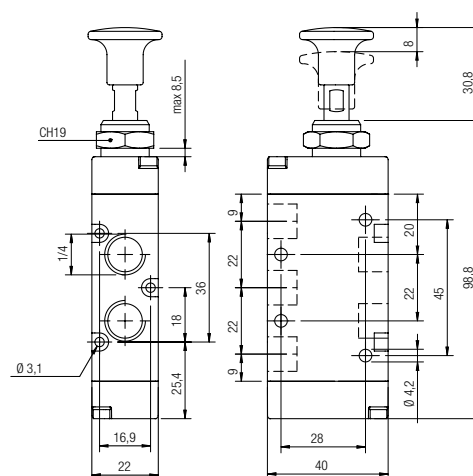
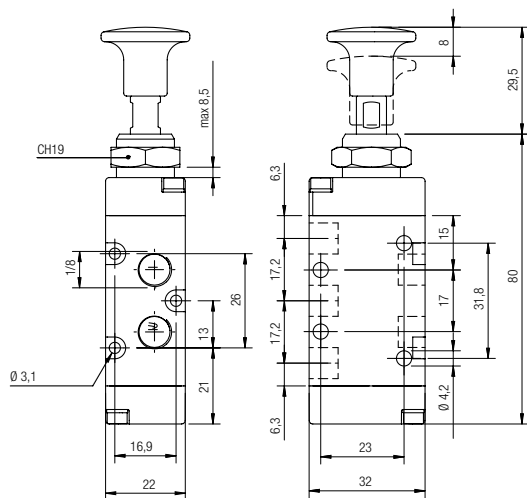


Code	Function	Size	Pack.
01V T1 5 00 02	5/2	G 1/8	1
01V T1 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V T1 5 00 02 N	5/2	NPTF 1/8	1
01V T1 5 00 03 N	5/2	NPTF 1/4	1

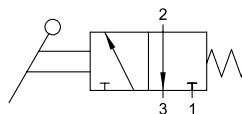
G 1/8 - NPTF 1/8

G 1/4 - NPTF 1/4



3/2

Lever Operated - Spring Return

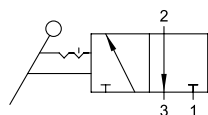


Code	Function	Size	Pack.
01V L0 3 NC 02	3/2 NC	G 1/8	1
01V L0 3 NC 03	3/2 NC	G 1/4	1

Code	Function	Size	Pack.
01V L0 3 NC 02 N	3/2 NC	NPTF 1/8	1
01V L0 3 NC 03 N	3/2 NC	NPTF 1/4	1

3/2

Lever Operated - Push / Pull



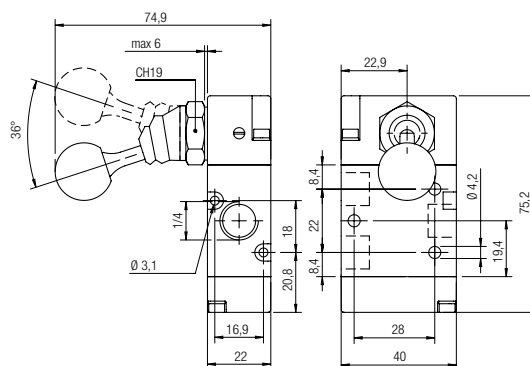
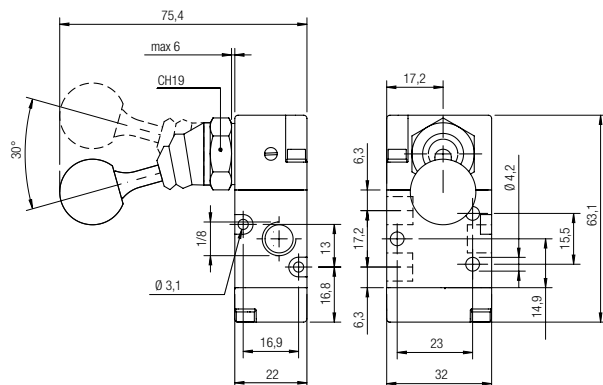
Code	Function	Size	Pack.
01V L1 3 00 02	3/2	G 1/8	1
01V L1 3 00 03	3/2	G 1/4	1

Code	Function	Size	Pack.
01V L1 3 00 02 N	3/2	NPTF 1/8	1
01V L1 3 00 03 N	3/2	NPTF 1/4	1



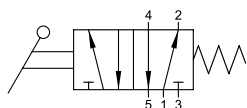
G 1/8 - NPTF 1/8

G 1/4 - NPTF 1/4



5/2

Lever Operated - Spring Return

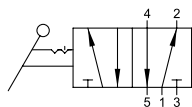


Code	Function	Size	Pack.
01V L0 5 00 02	5/2	G 1/8	1
01V L0 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V L0 5 00 02 N	5/2	NPTF 1/8	1
01V L0 5 00 03 N	5/2	NPTF 1/4	1

5/2

Lever Operated - Push / Pull



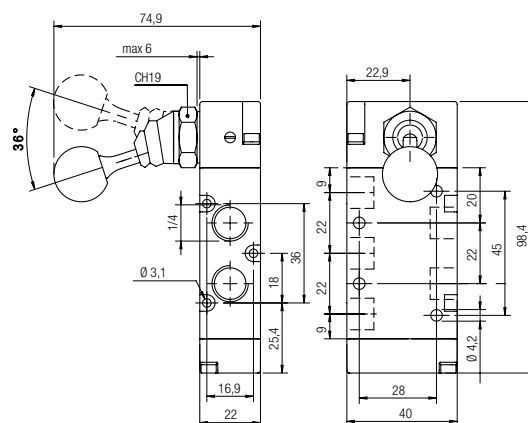
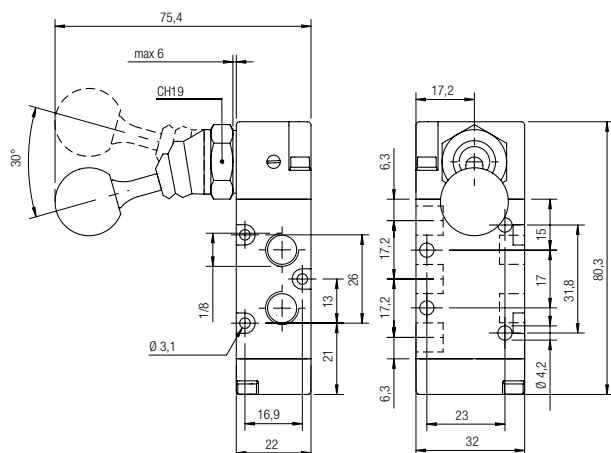
Code	Function	Size	Pack.
01V L1 5 00 02	5/2	G 1/8	1
01V L1 5 00 03	5/2	G 1/4	1

Code	Function	Size	Pack.
01V L1 5 00 02 N	5/2	NPTF 1/8	1
01V L1 5 00 03 N	5/2	NPTF 1/4	1



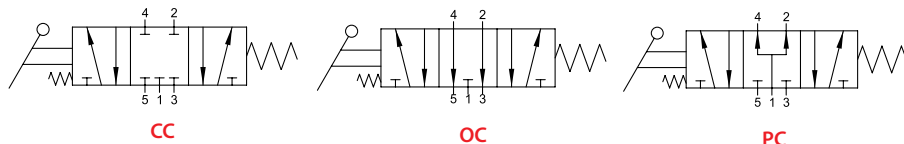
G 1/8 - NPTF 1/8

G 1/4 - NPTF 1/4



5/3

Lever Operated - Spring Centered

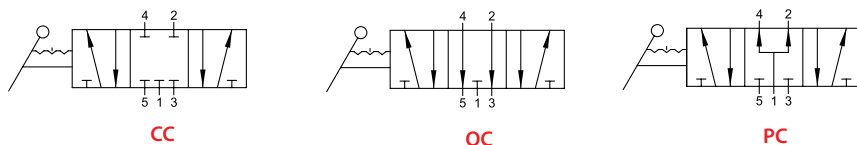


Code	Function	Size	Pack.
01V L0 7 CC 02	5/3 CC	G 1/8	1
01V L0 7 CC 03	5/3 CC	G 1/4	1
01V L0 7 OC 02	5/3 OC	G 1/8	1
01V L0 7 OC 03	5/3 OC	G 1/4	1
01V L0 7 PC 02	5/3 PC	G 1/8	1
01V L0 7 PC 03	5/3 PC	G 1/4	1
Code	Function	Size	Pack.
01V L0 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V L0 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V L0 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V L0 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V L0 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V L0 7 PC 03 N	5/3 PC	NPTF 1/4	1



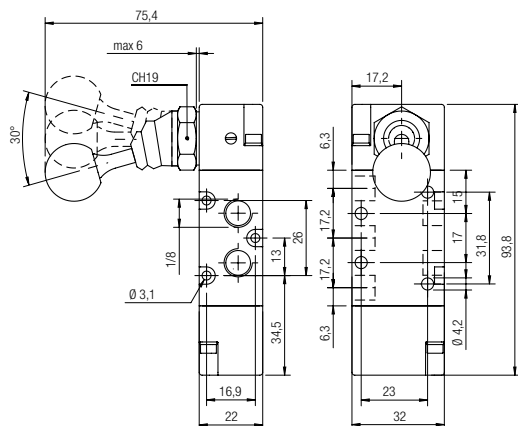
5/3

Lever Operated - PUSH / PULL

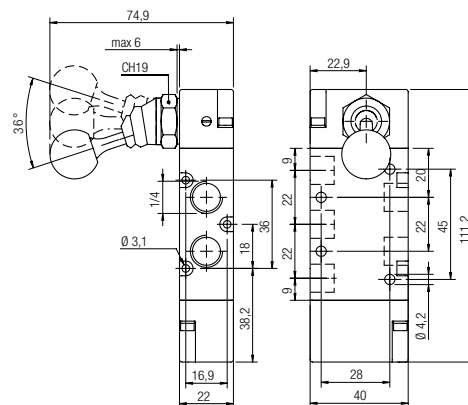


Code	Function	Size	Pack.
01V L2 7 CC 02	5/3 CC	G 1/8	1
01V L2 7 CC 03	5/3 CC	G 1/4	1
01V L2 7 OC 02	5/3 OC	G 1/8	1
01V L2 7 OC 03	5/3 OC	G 1/4	1
01V L2 7 PC 02	5/3 PC	G 1/8	1
01V L2 7 PC 03	5/3 PC	G 1/4	1
Code	Function	Size	Pack.
01V L2 7 CC 02 N	5/3 CC	NPTF 1/8	1
01V L2 7 CC 03 N	5/3 CC	NPTF 1/4	1
01V L2 7 OC 02 N	5/3 OC	NPTF 1/8	1
01V L2 7 OC 03 N	5/3 OC	NPTF 1/4	1
01V L2 7 PC 02 N	5/3 PC	NPTF 1/8	1
01V L2 7 PC 03 N	5/3 PC	NPTF 1/4	1

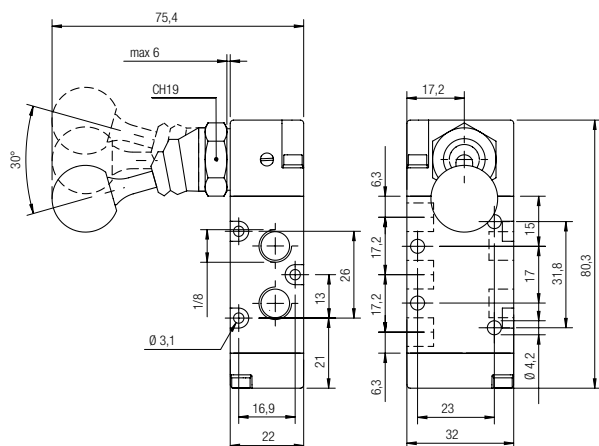
01VL07CC02 01VL07OC02 01VL07PC02
01VL07CC02N 01VL07OC02N 01VL07PC02N



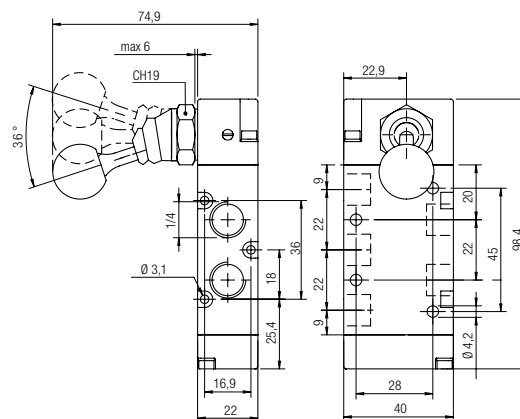
01VL07CC03 01VL07OC03 01VL07PC03
01VL07CC03N 01VL07OC03N 01VL07PC03N



01VL27CC02 01VL27OC02 01VL27PC02
01VL27CC02N 01VL27OC02N 01VL27PC02N



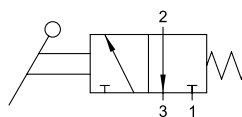
01VL27CC03 01VL27OC03 01VL27PC03
01VL27CC03N 01VL27OC03N 01VL27PC03N



3/2

Lever Operated - Spring Return

FRONT LEVER VALVE

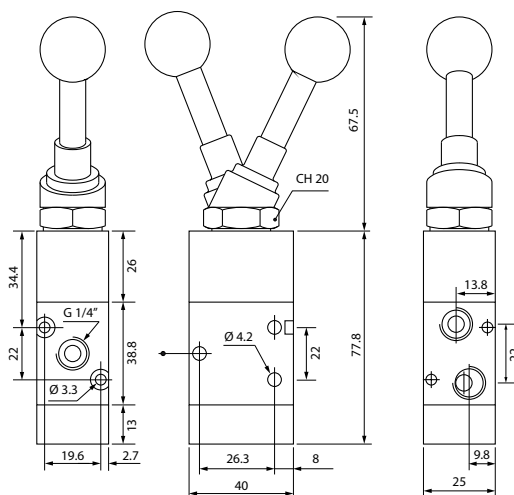
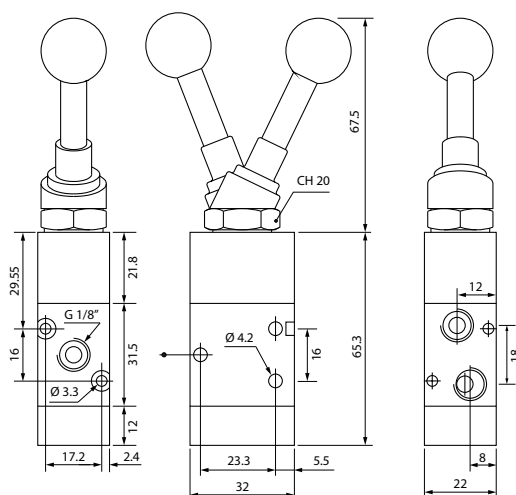


Code	Function	Size	Pack.
01V F1 3 00 02	3/2 NC	G 1/8	1
01V F1 3 00 03	3/2 NC	G 1/4	1



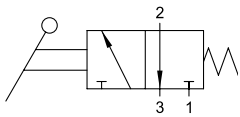
01V F1 3 00 02

01V F1 3 00 03



5/2

Lever Operated - Spring Return

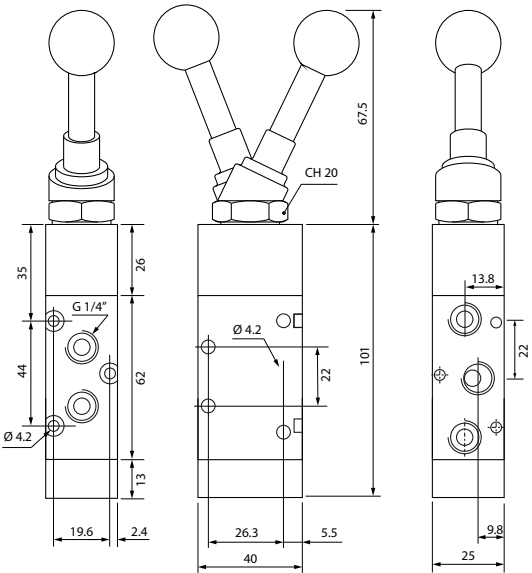
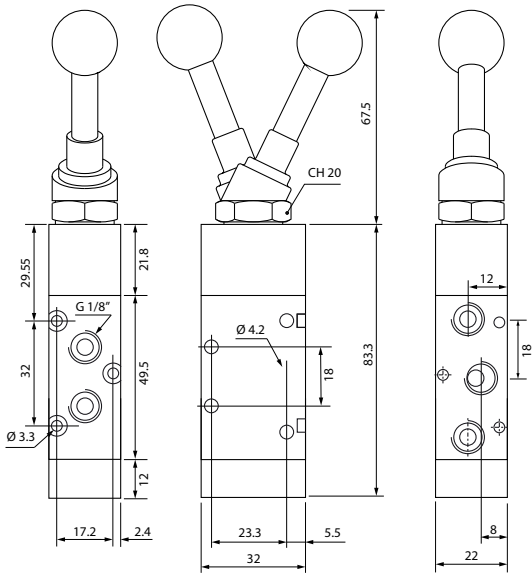


Code	Function	Size	Pack.
01V F1 5 00 02	5/2	G 1/8	1
01V F1 5 00 03	5/2	G 1/4	1



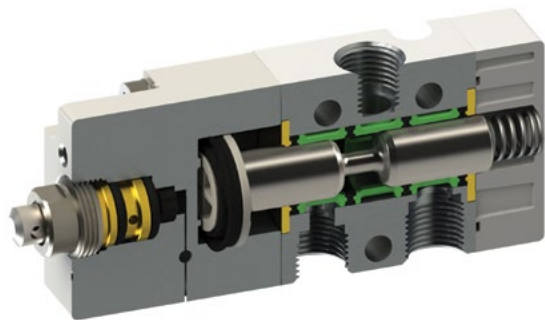
01V F1 5 00 02

01V F1 5 00 03





TECHNICAL CHARACTERISTICS



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

PED
2014/68/UE

ATEX
2014/34/UE

II 2GD Ex h IIC T6
Ex



Component Parts and Materials

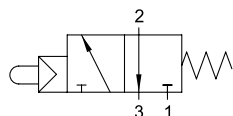
Anodised aluminium body
Chemical nickel-plated spool
NBR seals

1/8		
	THREAD	G 1/8 NPTF 1/8
	6 bar FLOW RATE with Δp 1 bar	740 NI/min
	OPERATING PRESSURE	29 ÷ 145 psi (2 ÷ 10 bar)
	DRIVING FORCE	5.8 N
	TEMPERATURE	min -10 °C +14 °F
		max +60 °C +140 °F

Series	Actuation	Reactuation	Ways	Function	Size	Thread
0 1 V	V	0	3	N C	0 2	
	V = Servo-piloted tappet N = Servo-piloted Whisker	0 = Monostable spring return	3 = 3/2 5 = 5/2	NC = Normally closed 00 = Function not provided	02 = 1/8	= G N = NPTF

3/2

Servo-Piloted Tappet - Spring Return

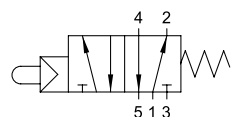


Code	Function	Size	Pack.
01V V0 3 NC 02	3/2 NC	G 1/8	1

Code	Function	Size	Pack.
01V V0 3 NC 02 N	3/2 NC	NPTF 1/8	1

5/2

Servo-Piloted Tappet - Spring Return



Code	Function	Size	Pack.
01V V0 5 00 02	5/2	G 1/8	1

Code	Function	Size	Pack.
01V V0 5 00 02 N	5/2	NPTF 1/8	1

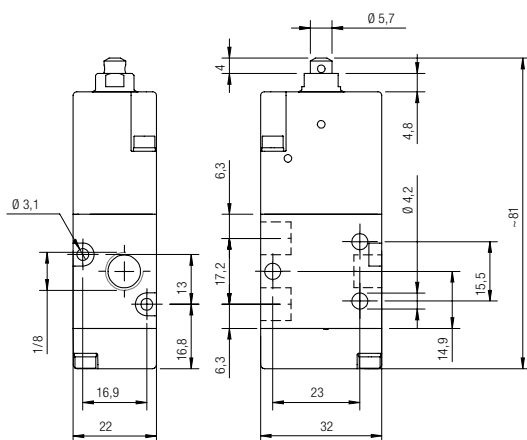
SERVO-PILOTED TAPPET VALVES - SPRING RETURN



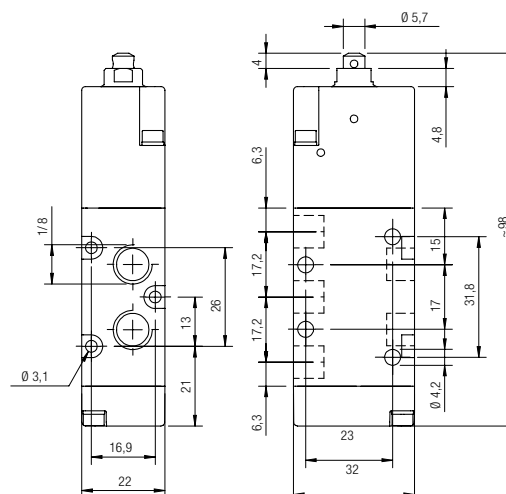
04V 01 0 00 01

04V 06 0 00 01

01V V0 3 NC 02 01V V0 3 NC 02 N

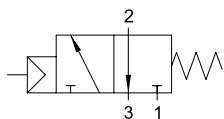


01V V0 5 00 02 01V V0 5 00 02 N



3/2

Servo-Piloted Whisker - Spring Return



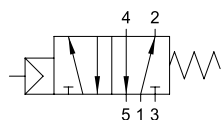
Code	Function	Size	Pack.
01V NO 3 NC 02	3/2 NC	G 1/8	1

Code	Function	Size	Pack.
01V N0 3 NC 02 N	3/2 NC	NPTF 1/8	1



5/2

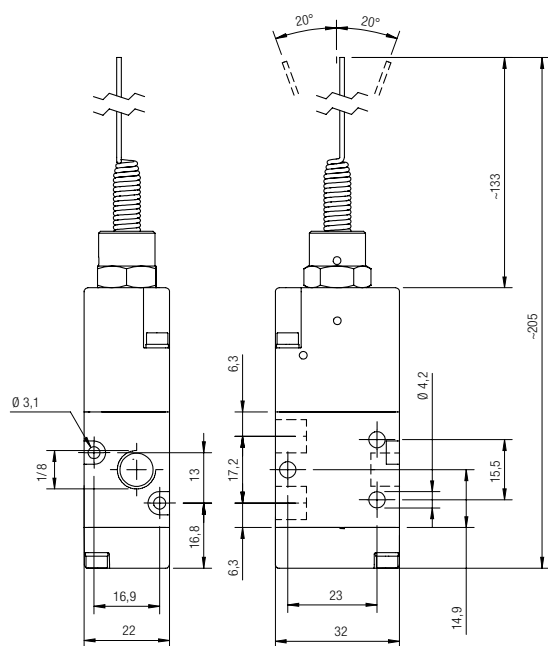
Servo-Piloted Whisker - Spring Return



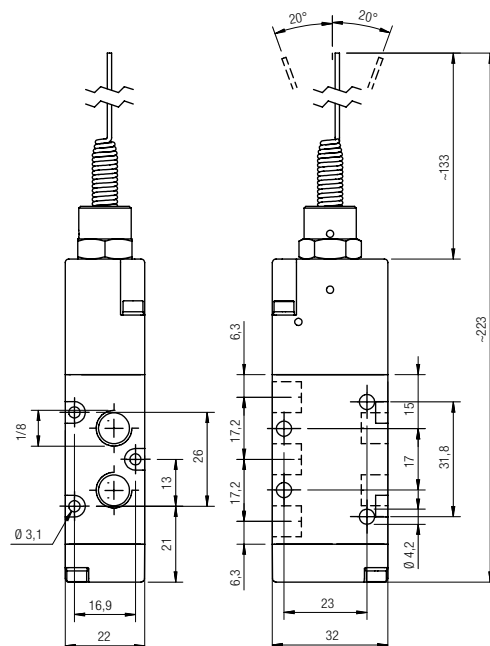
Code	Function	Size	Pack.
01V N0 5 00 02	5/2	G 1/8	1

Code	Function	Size	Pack.
01V N0 5 00 02 N	5/2	NPTF 1/8	1

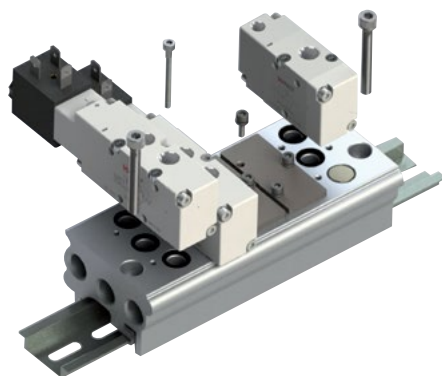
01V N0 3 NC 02 01V N0 3 NC 02 N



01V N0 5 00 02 01V N0 5 00 02 N



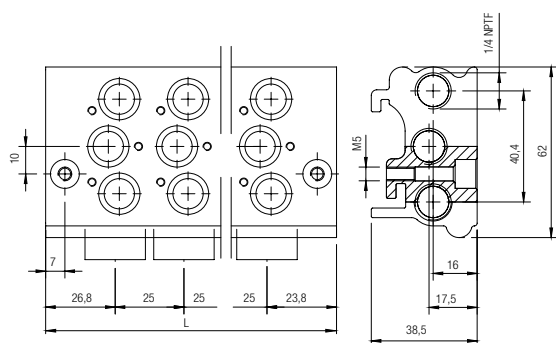
DIN RAIL MOUNTED FIXED LENGTH MANIFOLD BASES - NPTF



The bases are supplied with screws and O-Ring for attachment of the valves.

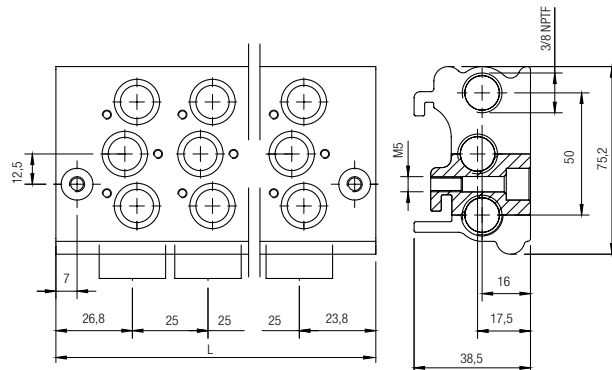
MANIFOLD BASE FOR VALVES 01V - 1/8 NPTF

Code	Stations	L	Pack.
01V B0 0 00 02 N	2	2.992 (76)	1
01V B0 0 00 03 N	3	3.976 (101)	1
01V B0 0 00 04 N	4	4.961 (126)	1
01V B0 0 00 05 N	5	5.945 (151)	1
01V B0 0 00 06 N	6	6.929 (176)	1
01V B0 0 00 07 N	7	7.913 (201)	1
01V B0 0 00 08 N	8	8.898 (226)	1
01V B0 0 00 09 N	9	9.882 (251)	1
01V B0 0 00 10 N	10	10.866 (276)	1

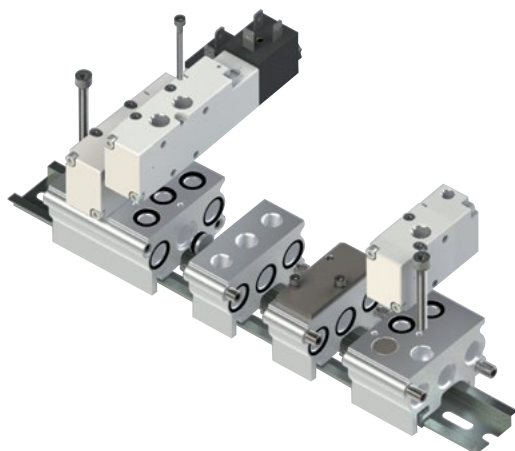


MANIFOLD BASE FOR VALVES 01V - 1/4 NPTF

Code	Stations	L	Pack.
01V B0 1 00 02 N	2	2.992 (76)	1
01V B0 1 00 03 N	3	3.976 (101)	1
01V B0 1 00 04 N	4	4.961 (126)	1
01V B0 1 00 05 N	5	5.945 (151)	1
01V B0 1 00 06 N	6	6.929 (176)	1
01V B0 1 00 07 N	7	7.913 (201)	1
01V B0 1 00 08 N	8	8.898 (226)	1
01V B0 1 00 09 N	9	9.882 (251)	1
01V B0 1 00 10 N	10	10.866 (276)	1



DIN RAIL MOUNTED MODULAR BASES - NPTF



All the bases are supplied with screws and seals to secure the correct assembly.

FRONT MANIFOLD END PLATE



Code	Size	Pack.
01V B1 0 00 00 N	1/8 NPTF	1
01V B1 0 00 01 N	1/4 NPTF	1

REAR MANIFOLD END PLATE



Code	Size	Pack.
01V B2 0 00 00 N	1/8 NPTF	1
01V B2 0 00 01 N	1/4 NPTF	1

MODULAR BASE



Code	Size	Pack.
01V B3 0 00 00 N	1/8 NPTF	1
01V B3 0 00 01 N	1/4 NPTF	1

INTERMEDIATE PRESSURE BASE



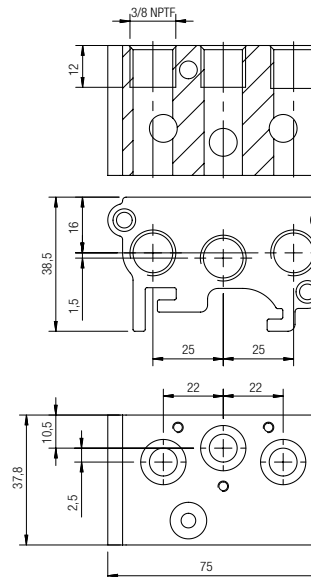
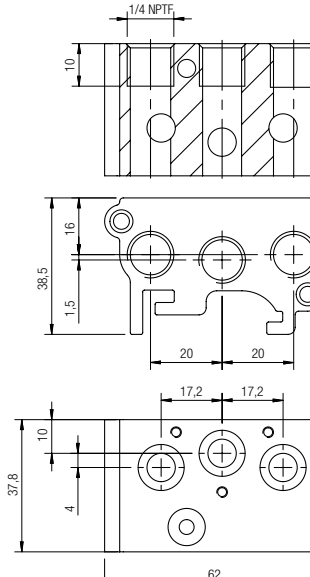
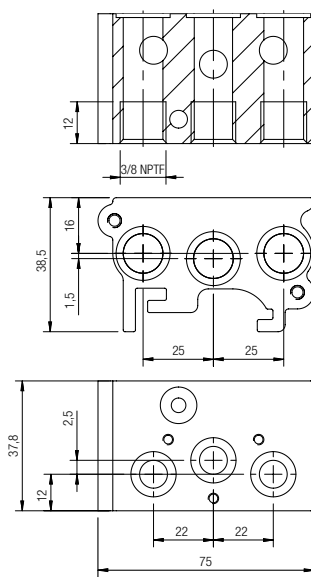
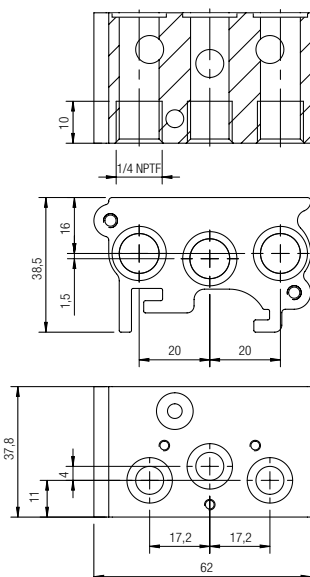
Code	Size	Pack.
01V B4 0 00 00 N	1/8 NPTF	1
01V B4 0 00 01 N	1/4 NPTF	1

01V B1 0 00 00 N

01V B1 0 00 01 N

01V B2 0 00 00 N

01V B2 0 00 01 N

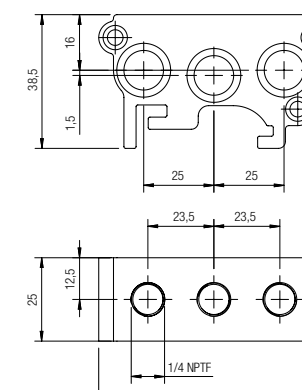
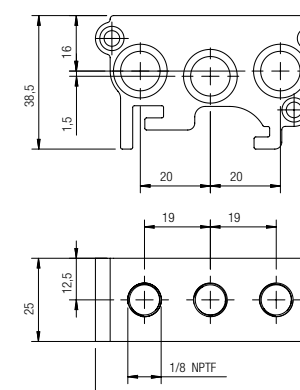
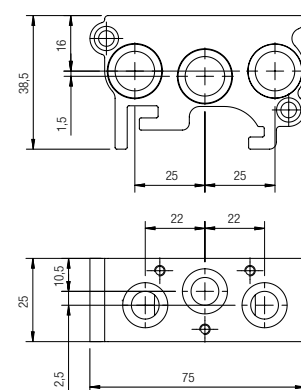
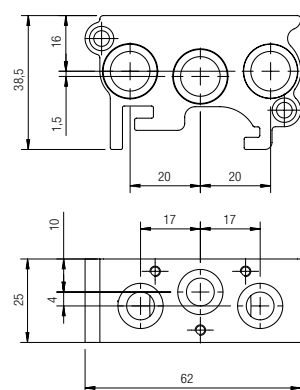


01V B3 0 00 00 N

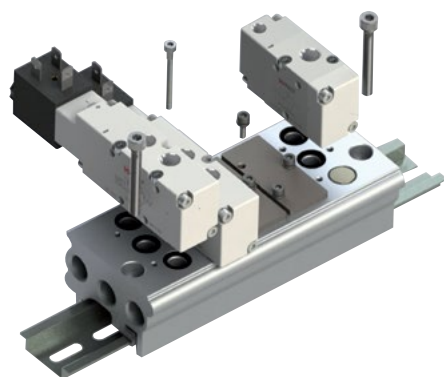
01V B3 0 00 01 N

01V B4 0 00 00 N

01V B4 0 00 01 N



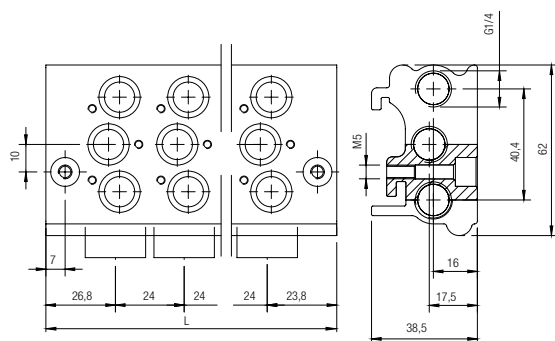
DIN RAIL MOUNTED FIXED LENGTH MANIFOLD BASES



The bases are supplied with screws and O-Ring for attachment of the valves.

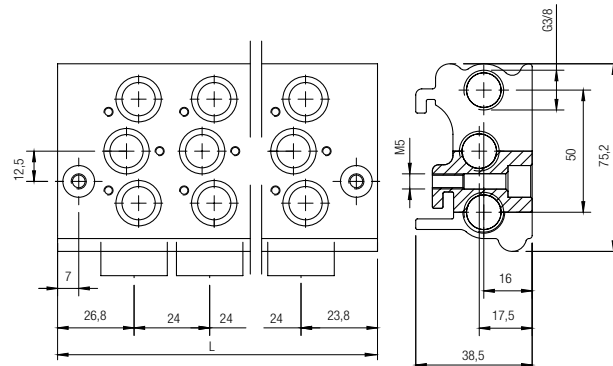
MANIFOLD BASE FOR VALVES 01V - G1/8

Code	Stations	L	Pack.
01V B0 0 00 02	2	2.953 (75)	1
01V B0 0 00 03	3	3.898 (99)	1
01V B0 0 00 04	4	4.843 (123)	1
01V B0 0 00 05	5	5.787 (147)	1
01V B0 0 00 06	6	6.732 (171)	1
01V B0 0 00 07	7	7.677 (195)	1
01V B0 0 00 08	8	8.622 (219)	1
01V B0 0 00 09	9	9.567 (243)	1
01V B0 0 00 10	10	10.512 (267)	1

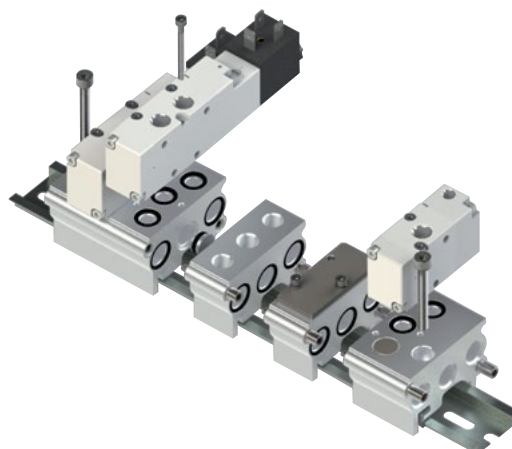


MANIFOLD BASE FOR VALVES 01V - G1/4

Code	Stations	L	Pack.
01V B0 1 00 02	2	2.953 (75)	1
01V B0 1 00 03	3	3.898 (99)	1
01V B0 1 00 04	4	4.843 (123)	1
01V B0 1 00 05	5	5.787 (147)	1
01V B0 1 00 06	6	6.732 (171)	1
01V B0 1 00 07	7	7.677 (195)	1
01V B0 1 00 08	8	8.622 (219)	1
01V B0 1 00 09	9	9.567 (243)	1
01V B0 1 00 10	10	10.512 (267)	1



DIN RAIL MOUNTED MODULAR BASES



All the bases are supplied with screws and seals to secure the correct assembly.

FRONT MANIFOLD END PLATE


Code	Size	Pack.
01V B1 0 00 00	G 1/8	1
01V B1 0 00 01	G 1/4	1

REAR MANIFOLD END PLATE

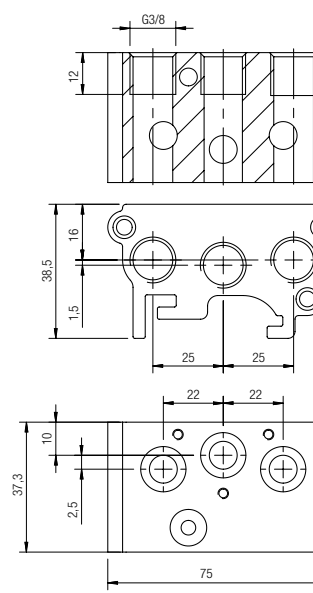
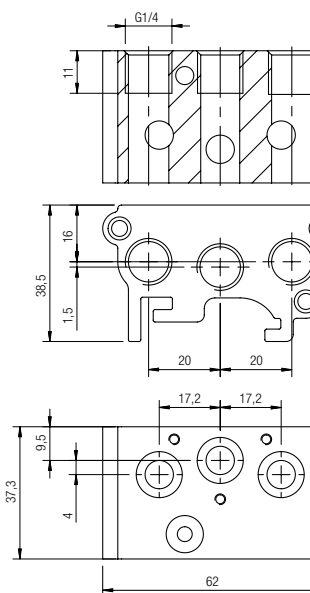
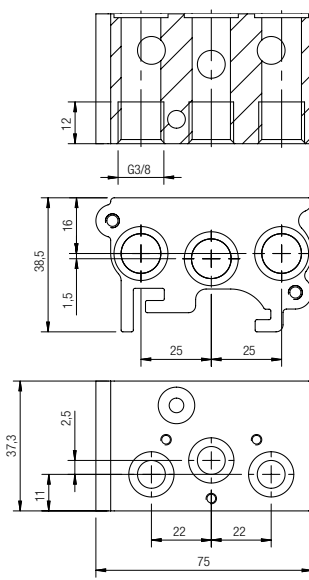
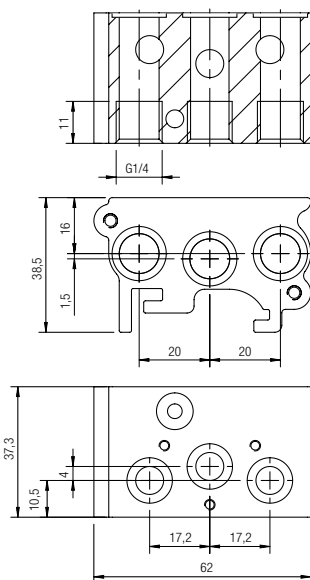
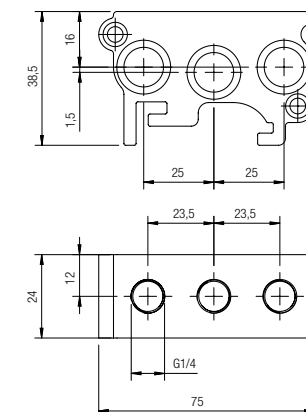
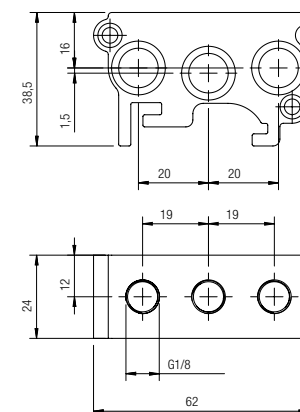
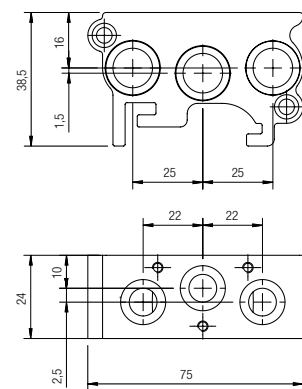
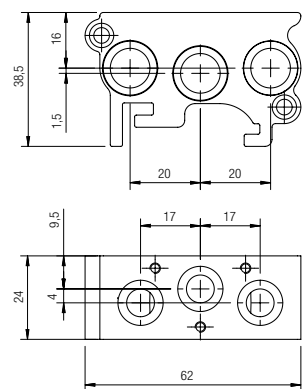

Code	Size	Pack.
01V B2 0 00 00	G 1/8	1
01V B2 0 00 01	G 1/4	1

MODULAR BASE


Code	Size	Pack.
01V B3 0 00 00	G 1/8	1
01V B3 0 00 01	G 1/4	1

INTERMEDIATE PRESSURE BASE

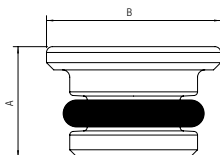

Code	Size	Pack.
01V B4 0 00 00	G 1/8	1
01V B4 0 00 01	G 1/4	1

01V B1 0 00 00
01V B1 0 00 01
01V B2 0 00 00
01V B2 0 00 01

01V B3 0 00 00
01V B3 0 00 01
01V B4 0 00 00
01V B4 0 00 01


01VB6

PLUG FOR 3 WAY VALVE CONNECTION

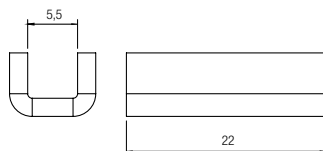
Code	Size	A	B	Pack.
01V B6 0 00 00	1/8	7.5	12	1
01V B6 0 00 01	1/4	7.5	14	1



01VB7

OMEGA BAR BRACKET

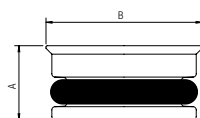
Code	Size	Pack.
01V B7 0 00 00	1/8 - 1/4	2



01VB8

INTERMEDIATE STEPS FOR MODULAR BASE

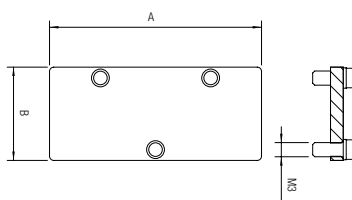
Code	Size	A	B	Pack.
01V B8 0 00 00	1/8	7.5	12	1
01V B8 0 00 01	1/4	7.5	14	1



01VB9

COVER PLATE

Code	Size	A	B	Pack.
01V B9 0 00 00	1/8	50	22	1
01V B9 0 00 01	1/4	62	22	1



COILS AND CONNECTORS

COILS AND CONNECTORS COMPATIBILITY

							
		SOLU1	SOL01	SOLX1	SOLX2	U1	U3
		22 mm	22 mm	30 mm	22 mm	22 mm	30 mm
01V		■	■	■	■		
07V		■	■		■		
08V		■	■		■		
AA						■	■
CL-CM						■	
BE							■

SOLU1

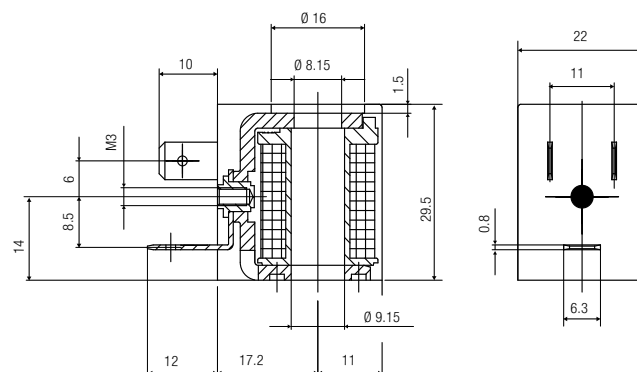
COIL



22 mm



9 mm



UL 1446 & CSA C22.2

Code	Short Code	Voltage	Power	Voltage tolerance	Ambient temperature	
					Min	Max
SOLU1 012 C 1 000	UA	12V DC	3W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOLU1 024 C 1 000	UB	24V DC	3W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
* SOLU1 024 C 3 000	UZ	24V DC	2W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOLU1 024 A 2 000	U1	24V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOLU1 110 A 2 000	U2	110V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOLU1 220 A 2 000	U3	220V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)

* Solenoid Recommended (ECO-FRIENDLY), only for 01V - 07V - 08V.

INSULATION CLASS	H CEI EN 60085	ENCAPSULATION MATERIAL	RYNITE®	ELECTRICAL CONNECTIONS	INDUSTRIAL AMP FORM B - INDUSTRIAL <i>EN 175301-803 (EX DIN 43650)</i>
AMBIENT TEMPERATURE	-4 °F +122 °F	PROTECTION DEGREE	IP65 IEC 60529 WITH CONNECTOR IP65	DUTY RATE	ED 100 %

SOL01

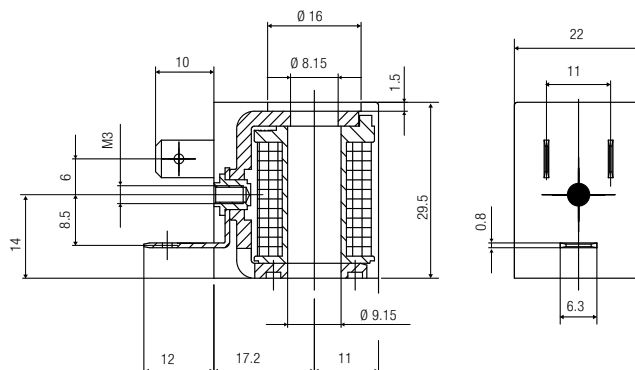
COIL



22 mm



9 mm



Code	Short Code	Voltage	Power	Voltage tolerance	Ambient temperature	
					Min	Max
SOL01 012 C 1 000	SA	12V DC	3W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOL01 024 C 1 000	SB	24V DC	3W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
* SOL01 024 C 3 000	SZ	24V DC	2W	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOL01 024 A 2 000	S1	24V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOL01 110 A 2 000	S2	110V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)
SOL01 220 A 2 000	S3	220V AC	5VA	±10 %	-4 °F (-20 °C)	+122 °F (+50 °C)

* Solenoid Recommended (ECO-FRIENDLY), only for 01V - 07V - 08V.

INSULATION CLASS

F
CEI
EN 60085

ENCAPSULATION MATERIAL

PA

ELECTRICAL CONNECTIONS

INDUSTRIAL
AMP FORM
B - INDUSTRIAL
EN 175301-803
(EX DIN 43650)

AMBIENT TEMPERATURE

-4 °F
+122 °F

PROTECTION DEGREE

IP65
IEC 60529
WITH CONNECTOR
IP65

DUTY RATE

ED 100 %

SOLX1

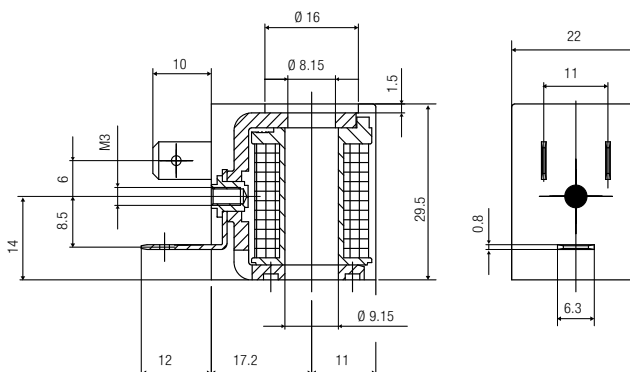
COIL



22 mm



9 mm



II 3G Ex nA IIC T5 Gc | II 3D Ex tc IIIC 95°C Dc

Code	Short Code	Voltage	Power	Voltage tolerance	Ambient temperature	
					Min	Max
SOLX1 012 C 1 000	WA	12V DC	3W	±10 %	+5 °F (-15 °C)	+122 °F (+50 °C)
SOLX1 024 C 1 000	WB	24V DC	3W	±10 %	+5 °F (-15 °C)	+122 °F (+50 °C)
SOLX1 024 A 2 000	W1	24V AC	5VA	±10 %	+5 °F (-15 °C)	+122 °F (+50 °C)

INSULATION CLASS	F CEI EN 60085
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ENCAPSULATION MATERIAL	PA
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ELECTRICAL CONNECTION	INDUSTRIAL AMP FORM B - INDUSTRIAL EN 175301-803 (EX DIN 43650)
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AMBIENT TEMPERATURE	+5 °F +122 °F
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PROTECTION DEGREE	IP65 IEC 60529 WITH CONNECTOR IP65
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DUTY RATE	ED 100 %
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SOLX2

COIL

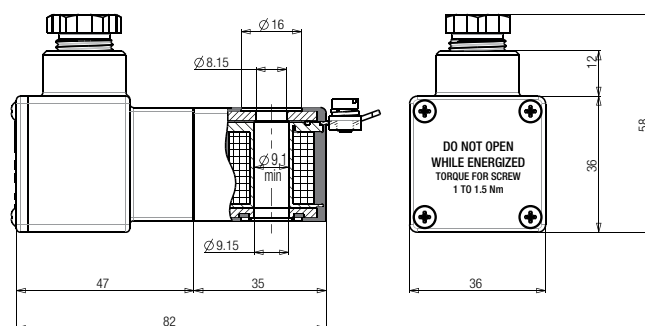
30 mm



9 mm



II 2G Ex db mb IIC T5 Gb | II 2D Ex tb IIIC T5 Db



Code	Short Code	Voltage	Power	Voltage tolerance	Ambient temperature	
					Min	Max
SOLX2 012 C 1 000	RA	12V DC	3W	±10 %	-58 °F (-50 °C)	+122 °F (+50 °C)
SOLX2 024 C 1 000	RB	24V DC	3W	±10 %	-58 °F (-50 °C)	+122 °F (+50 °C)
SOLX2 024 A 2 000	R1	24V AC	4,8VA	±10 %	-58 °F (-50 °C)	+122 °F (+50 °C)
SOLX2 110 A 2 000	R2	110V AC	4,8VA	±10 %	-58 °F (-50 °C)	+122 °F (+50 °C)
SOLX2 220 A 2 000	R3	220V AC	4,8VA	±10 %	-58 °F (-50 °C)	+122 °F (+50 °C)

Do not use with 01VB bases

With 08V NAMUR valves use the 08V01 spacer

INSULATION CLASS

F
CEI
EN 60085

ENCAPSULATION MATERIAL

PA

ELECTRICAL CONNECTIONS

PG9

AMBIENT TEMPERATURE

-58 °F
+122 °F

PROTECTION DEGREE

IP66
IEC 60529

DUTY RATE

ED 100 %

COILS

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

360° rotation on the pilot. Coil winding: H class

Ambient temperature: +14 ÷ +113 °F. Fluid temperature: +14 ÷ +203 °F.

The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.

Protection class IP65, if used with connector.

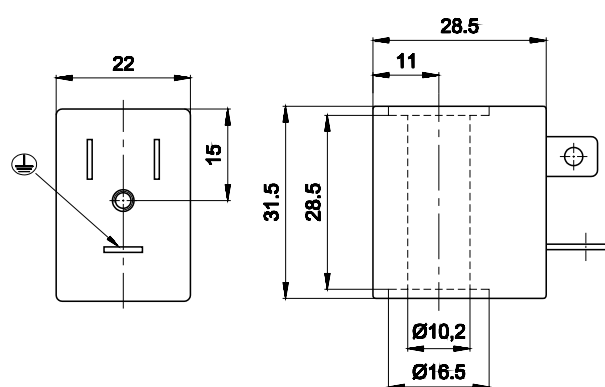
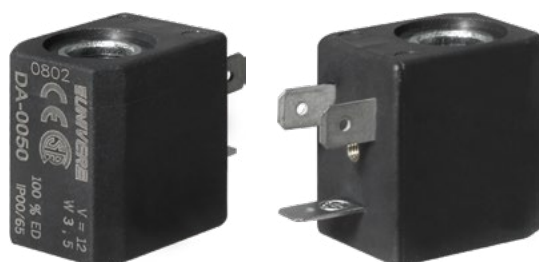


COILS U1

22 mm



10 mm

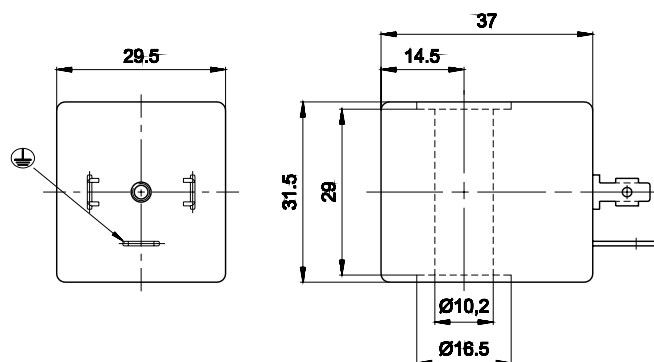
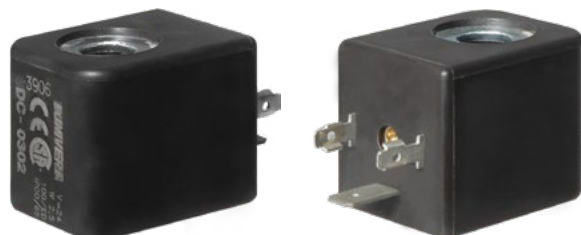


Code	Duty cycle ED (a) %	Power consumption W		Tolerance tension %	Rated voltage	Weight lb (Kg)
		Hold	Inrush			
UDA 0050	100	3,5	3,5	±10	12 V DC	0.13 (0.06)
UDA 0051	100	3,5	3,5	±10	24 V DC	0.13 (0.06)
UDA 0106	100	5,4 VA (Max)	7,8 VA (Max)	±10	24 V AC/50-60 HZ	0.13 (0.06)
UDA 0108	100	5,4 VA (Max)	7,8 VA (Max)	±10	110 V AC/50-60 HZ	0.13 (0.06)
UDA 0124	100	5,4 VA (Max)	7,8 VA (Max)	±10	230 V AC/50-60 HZ	0.13 (0.06)

COILS U3

30 mm 

10 mm 



Code	Duty cycle ED (a) %	Power consumption W		Tolerance tension %	Rated voltage	Weight lb (Kg)
		Hold	Inrush			
UDC 0301	100	2,5	2,5	±10	12 V DC	0.18 (0.08)
UDC 0302	100	2,5	2,5	±10	24 V DC	0.18 (0.08)
UDC 0307	100	3,3 VA (Max)	5 VA (Max)	±10	24 V AC/50-60 HZ	0.18 (0.08)
UDC 0309	100	3,3 VA (Max)	5 VA (Max)	±10	110 V AC/50-60 HZ	0.18 (0.08)
UDC 0310	100	3,3 VA (Max)	5 VA (Max)	±10	230 V AC/50-60 HZ	0.18 (0.08)

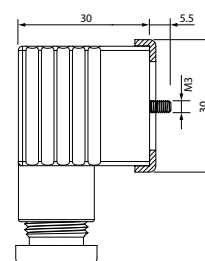
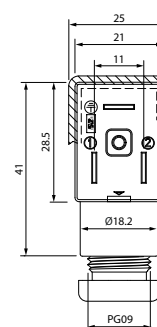
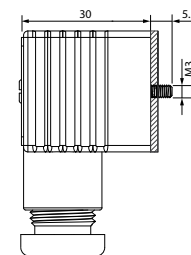
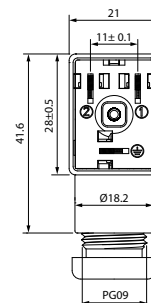
(a) = 110V - 230V solenoid valves must be built-in (EN-60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

CON01 - CONU1

CONNECTOR

22 mm



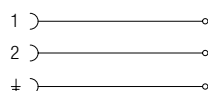
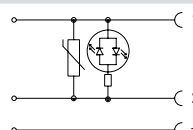
Code	Size	Colour	Characteristics
CON01 000 01	.866 (22 mm)	BLACK	2 PINS
CON02 024 00	.866 (22 mm)	TRANSPARENT	LED + VDR 0 - 24V
CON02 110 00	.866 (22 mm)	TRANSPARENT	LED + VDR 110V
CON02 250 00	.866 (22 mm)	TRANSPARENT	LED + VDR 220V
* CONU1 000 01	.866 (22 mm)	BLACK	2 PINS
* CONU2 024 00	.866 (22 mm)	TRANSPARENT	LED + VDR 0 - 24V
* CONU2 110 00	.866 (22 mm)	TRANSPARENT	LED + VDR 110V
* CONU2 250 00	.866 (22 mm)	TRANSPARENT	LED + VDR 220V

*: UL 1977 AND CAN/CSA C22.2 NO. 182.3

VDR: Fitted with varistors as surge protection device.



Wiring

CON01 000 01
CONU1 000 01

CON02 024 00 CON02 110 00 CON02 250 00
CONU2 024 00 CONU2 110 00 CONU2 250 00


ELECTRICAL CONNECTION

INDUSTRIAL
AMP FORM
B - INDUSTRIAL
EN 175301-803
(EX DIN 43650)

PROTECTION DEGREE

IP67
IEC 60529

CABLE DIAMETER

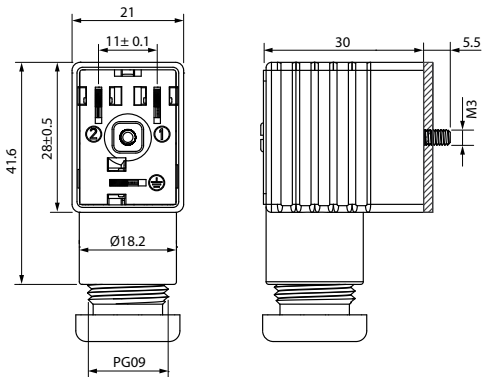
1/4 ÷ 5/16
(6 ÷ 8 mm)

CONX1

CONNECTOR

22 mm



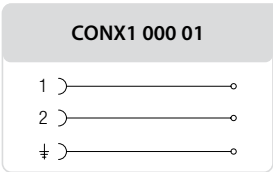


II 2G Ex e IIC T6 Gb | II 2D Ex tb IIIC T85°C Db

Code	Size	Colour	Characteristics
CONX1 000 01	.866 (22 mm)	BLACK	2 PINS



Wiring

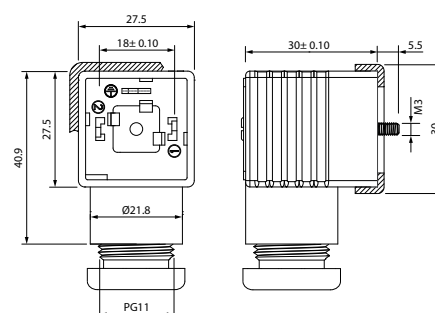
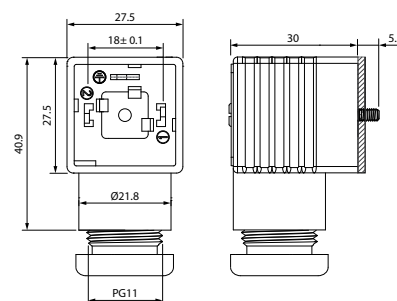


ELECTRICAL CONNECTIONS	INDUSTRIAL AMP FORM B - INDUSTRIAL <i>EN 175301-803 (EX DIN 43650)</i>	PROTECTION DEGREE	IP67 IEC 60529	CABLE DIAMETER	1/4 ÷ 5/16 (6 ÷ 8 mm)
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CON3 - CONU3

CONNECTOR

30 mm



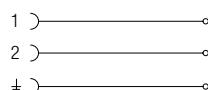
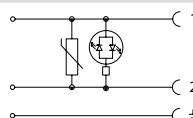
	Size	Colour	Characteristics
CON31 000 01	30 - 36 mm	BLACK	2 PINS
CON32 024 00	30 - 36 mm	TRANSPARENT	LED + VDR 0 - 24V
CON32 110 00	30 - 36 mm	TRANSPARENT	LED + VDR 110V
CON32 250 00	30 - 36 mm	TRANSPARENT	LED + VDR 220V
* CONU3 100 01	30 - 36 mm	BLACK	2 PINS
* CONU3 202 40	30 - 36 mm	TRANSPARENT	LED + VDR 0 - 24V
* CONU3 211 00	30 - 36 mm	TRANSPARENT	LED + VDR 110V
* CONU3 225 00	30 - 36 mm	TRANSPARENT	LED + VDR 220V

*: UL 1977 AND CAN/CSA C22.2 NO. 182.3

VDR: Fitted with varistors as surge protection device.



Wiring

CON31 000 01
CONU3 100 01

CON32 024 00 CON32 110 00 CON32 250 00
CONU3 202 40 CONU3 211 00 CONU3 225 00


ELECTRICAL CONNECTIONS

FORM A
EN 175301-803
(EX DIN 43650)

PROTECTION DEGREE

IP67
IEC 60529

CABLE DIAMETER

6 ÷ 8 MM
&
8 ÷ 11 MM