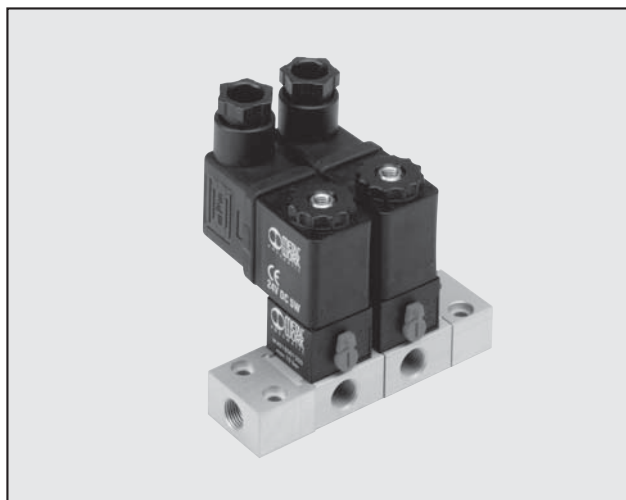


PIV VALVES ON BASE

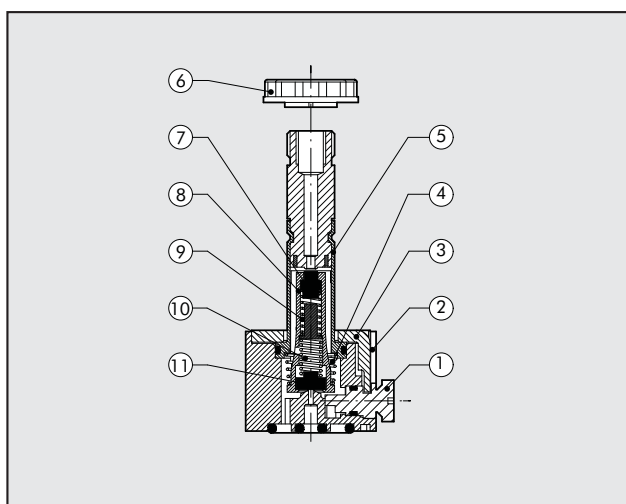
- PIV.I – PIV.T and PIV.B solenoid valves
- Assembly on base
- Bistable manual actuation
- Normally closed / normally open solenoid valves 2/2 – 3/2
- Installation in any position
- Particularly suitable for high operating frequencies and low response times



TECHNICAL DATA		PIV.I ON BASE	PIV.T ON BASE	PIV.B ON BASE
Absorption	W	5W - 5VA	3,8W - 6.5VA	10W - 13VA
Voltage available	V	12-24Vdc - 24-110-220 Vac	24Vdc - 24-110-220 Vac	24Vdc - 24-110-220 Vac
		50/60 Hz	50/60 Hz	50/60 Hz
Voltage tolerance	ΔV	-10 to +15%	-10 to +15%	-10 to +15%
Maximum operating frequency	f	30 Hz	30 Hz	15 Hz
Solenoid rating	ED	100%	100%	100%
Response time	t	8 ÷ 15 msec	8 ÷ 15 msec	10 ÷ 15 msec
Type of protection		IP 65	IP 65	IP 65
Type of coil		Coil side 22 Ø 8 DIN 43650	Coil side 22 Ø 9 DIN 43650	Coil side 30 DIN 43650
Insulation class	F	155	155	155
Ambient temperature	Te	-15 ÷ 50°C	-15 ÷ 50°C	-15 ÷ 50°C
Fluid temperature	Tg	-15 ÷ 50°C	-15 ÷ 50°C	-15 ÷ 50°C
Fluid		Filtered lubricated or unlubricated air	Filtered lubricated or unlubricated air	Filtered lubricated or unlubricated air
Working life		25 million cycles	25 million cycles	–
Weight	[g]	80 to 120 g (according to the version)	85 g	250 g
Maximum coil/nut torque		1 Nm	1 Nm	1 Nm

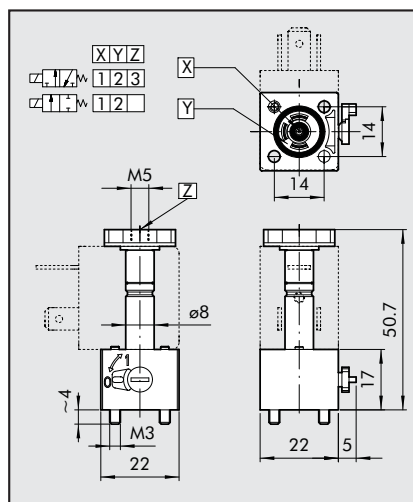
COMPONENTS

- ① Manual control: technopolymer
- ② Body: technopolymer
- ③ Sleeve locking plate
- ④ Spring: stainless steel
- ⑤ Sleeve: brass OT 58
- ⑥ Ring nut for coil fixing
- ⑦ Gasket: NBR
- ⑧ Mobile core
- ⑨ Spring: stainless steel
- ⑩ Spring: stainless steel
- ⑪ Gasket: NBR



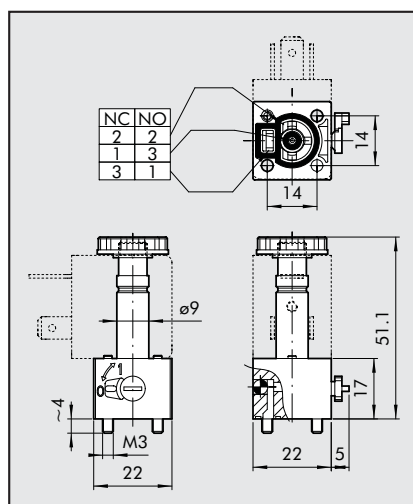


PIV.I VALVES, OPERATOR Ø 8, ON BASE



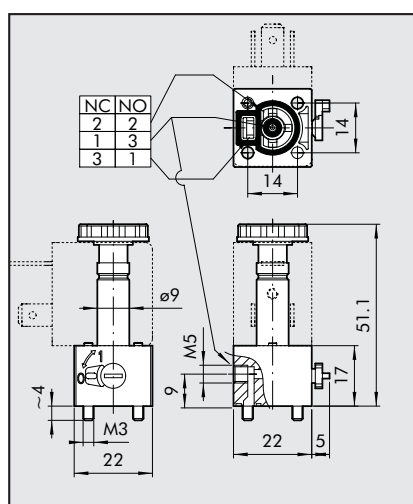
Symbol	Code	Description	Air hole diameter mm	Kv Factor	Maximum operating pressure (bar)	
					DC = 5W	AC 5VA
	W4018000200	PIV42IOS NC	1.2	0.65	10	10
	W4018000300	PIV72IOS NC	1.6	1	8	8
	W4018001200	PIV43IOS NC	1.2	0.65	10	10
	W4018001300	PIV73IOS NC	1.6	1	8	8

PIV.T VALVES, OPERATOR Ø 9, ON BASE



Symbol	Code	Description	Air hole diameter mm	Kv Factor	Pressure range (bar)	
					DC = 3,8W	AC 6,5VA
	W4025002101	PIV73T0B NO	1.6	0.75	0.5÷7	0.5÷7
	W4025002301	PIV83T0B NO	1.8	0.85	0.5÷6.5	0.5÷6.5
	W4025002100	PIV73T0B NC	1.6	0.8	0.5÷10	0.5÷10
	W4025002300	PIV83T0B NC	1.8	1	0.5÷8	0.5÷8

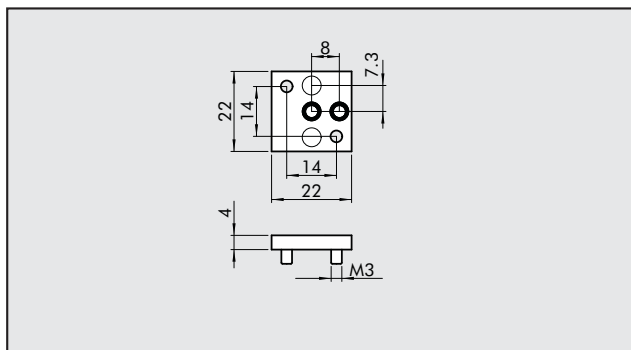
PIV.T VALVES, OPERATOR Ø 9, ON BASE WITH CONVEYED EXHAUST



Symbol	Code	Description	Air hole diameter mm	Kv Factor	Pressure range (bar)	
					DC = 3,8W	AC 6,5VA
	W4025002001	PIV73T00 NO	1.6	0.75	0.5÷7	0.5÷7
	W4025002501	PIV83T00 NO	1.8	0.85	0÷6	0.5÷6.5
	W4025002000	PIV73T00 NC	1.6	0.8	0.5÷10	0.5÷10
	W4025002500	PIV83T00 NC	1.8	1	0.5÷8	0.5÷8

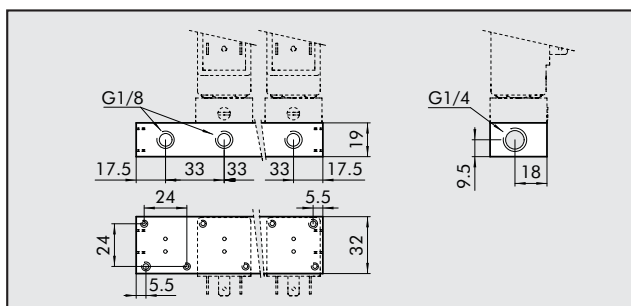


BASE BLANKING PLATE FOR PIV.T VALVES, UNUSED POSITIONS



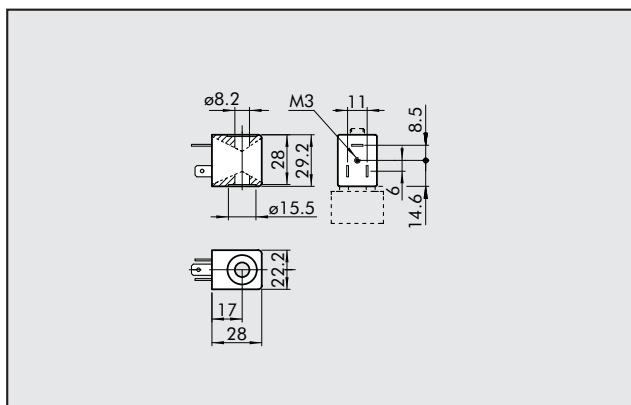
Code	Description	Abbrev.	Weight [g]
W0400112000	Accessories: blanking plate	B6000	5

MULTIPLE BASES FOR PIV.B VALVES



Code	Function	Sigla	Weight [g]
W0400101201	1 position	B4001	42
W0400101202	2 positions	B4002	94
W0400101203	3 positions	B4003	142
W0400101204	4 positions	B4004	188
W0400101205	5 positions	B4005	234
W0400101206	6 positions	B4006	280
W0400101207	7 positions	B4007	326
W0400101208	8 positions	B4008	372
W0400101209	9 positions	B4009	418

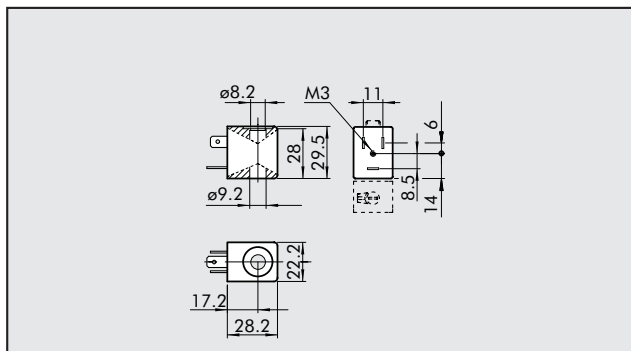
COILS, SIDE 22 mm FOR PIV.I SOLENOID VALVES, OPERATOR Ø 8



- Voltage tolerance: - 10 to + 15%
- Insulation class: F155
- Degree of protection: IP65 – EN60529 with connector
- Avoid prolonged exposure to the atmospheric agents.
- Maximum coil temperature at 100% use: 70°C at 20° ambient temperature
- According to Atex 94/9 CE rule, group 2, category 3 GD

Code	Nominal voltage	Absorption		Abbrev.
		Inrush	Holding	
W 0215 000151	12Vcc	2W	2W	Coil 22 Ø8 BA 2W-12VDC
W 0215 000101	24Vcc	2W	2W	Coil 22 Ø8 BA 2W-24VDC
W 0215 000111	24V 50/60Hz	5.3VA	3.5VA	Coil 22 Ø8 BA 3.5VA-24VAC
W 0215 000121	110V 50/60Hz	5.3VA	3.5VA	Coil 22 Ø8 BA 3.5VA-110VAC
W 0215 000131	220V 50/60Hz	5.3VA	3.5VA	Coil 22 Ø8 BA 3.5VA-220VAC
W 0215 000051	12Vcc	5W	5W	Coil 22 Ø8 5W-12VDC
W 0215 000001	24Vcc	5W	5W	Coil 22 Ø8 5W-24VDC
W 0215 000011	24V 50/60Hz	8VA	5VA	Coil 22 Ø8 5VA-24VAC
W 0215 000021	110V 50/60Hz	8VA	5VA	Coil 22 Ø8 5VA-110VAC
W 0215 000031	220V 50/60Hz	8VA	5VA	Coil 22 Ø8 5VA-220VAC

COILS, SIDE 22 mm FOR PIV.T SOLENOID VALVES, OPERATOR Ø 9

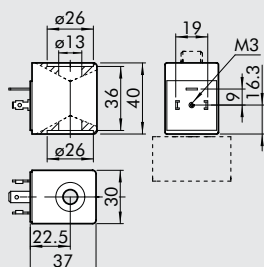


- Voltage tolerance: - 10 / + 15%
- Insulation class: F155
- Degree of protection: IP65 – EN60529 with connector
- Avoid prolonged exposure to the atmospheric agents
- Maximum coil temperature at 100% use: 70°C at 20° ambient temperature

Code	Nominal voltage	Absorption		Abbrev.
		Inrush	Holding	
W0216000101	24Vcc	2W	2W	Coil 22 Ø9 BA 2W-24VDC
W0216000111	24V 50/60Hz	5VA	3.6VA	Coil 22 Ø9 BA 3.6VA-24VAC
W0216000121	110V 50/60Hz	5VA	3.6VA	Coil 22 Ø9 BA 3.6VA-110VAC
W0216000131	220V 50/60Hz	5VA	3.6VA	Coil 22 Ø9 BA 3.6VA-220VAC
W0216000001	24Vcc	3.8W	3.8W	Coil 22 Ø9 3.8W-24VDC
W0216000011	24V 50/60Hz	9VA	6.5VA	Coil 22 Ø9 6.5VA-24VAC
W0216000021	110V 50/60Hz	9VA	6.5VA	Coil 22 Ø9 6.5VA-110VAC
W0216000031	220V 50/60Hz	9VA	6.5VA	Coil 22 Ø9 6.5VA-220VAC



COILS, SIDE 22 mm FOR PIV.B SOLENOID VALVES

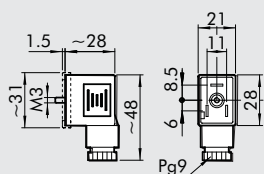


- Voltage tolerance: - 10 / + 15%
- Insulation class: M180
- Degree of protection: IP65 – EN60529 with connector
- Avoid prolonged exposure to the atmospheric agents

Code	Nominal voltage	Power absorption (average power input)	Abbrev.
W0216001001	24Vcc	10W	Coil 30 Ø13 10W-24VDC
W0216001011	24V 50/60Hz	13VA	Coil 30 Ø13 13VA-24VAC
W0216001021	110V 50/60Hz	13VA	Coil 30 Ø13 13VA-110VAC
W0216001031	220V 50/60Hz	13VA	Coil 30 Ø13 13VA-220VAC

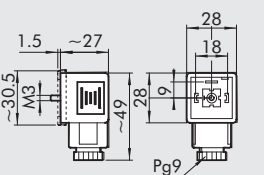
2

CONNECTORS, SIDE 22 mm FOR PIV.I-PIV.T



Code	Colour	Cable diameter	Type
W0970510011	black	PG9	Standard
W0970510012	transparent	PG9	LED 24V
W0970510013	transparent	PG9	LED 110V
W0970510014	transparent	PG9	LED 220V
W0970510015	transparent	PG9	LED + VDR 24V
W0970510016	transparent	PG9	LED + VDR 110V
W0970510017	transparent	PG9	LED + VDR 220V

CONNECTORS, SIDE 30 mm FOR PIV.B



Code	Colour	Cable diameter	Type
W0970520033	black	PG9	Standard
W0970520034	transparent	PG9	LED 24V
W0970520035	transparent	PG9	LED 110V
W0970520036	transparent	PG9	LED 220V
W0970520037	transparent	PG9	LED + VDR 24V
W0970520038	transparent	PG9	LED + VDR 110V
W0970520039	transparent	PG9	LED + VDR 220V