Series T200

The **T200** series, consist of a broad range of valves with various type of actuation. The connections for this series are from G 1/8" to G 1/4". The main components constituting the valves of the Tecno228 series are manufactured with high performance technopolymer.
The use of technopolymer has resulted in a light weight product which can be offered to the market at very interesting prices.
The **T228** valves, are manufactured with G1/8" connections, 3 and 5 ways function, mechanical or pneumatically operated, monostable spring or pneumatic return, bistable and in 5 ways 3 positions version with closed, open and pressured centres.
This series is completely interchangable with the standard 228 series (with alluminium body).
The **T224** valves, are manufactured with G 1/4" connections, 3/2, 5/2 and 5/3 ways function, (monostable or bistable), depending on version and actuation (manual, pneumatic, or electrical), and self aligning (pneumatic, electric or spring).

Maximum fitting torque

Thread	Maximum torque (Nm)
G 1/8"	4
G1/4"	9

Construction characteristics

	G 1/8" (T228) and G 1/4" (T224)
Body	Technopolymer
Operators	Technopolymer
Seals	NBR
Spacers	Technopolymer
Spools	Technopolymer Stainless steel only for the versions Push button-Spring and Lever lateral
Springs	Spring steel
Pistons	Technopolymer

Use and maintenance

This valves have an average life of 15 million cycles depending on the application and air quality.
Filtered and lubricated air using specified lubricants will reduce the wear of the seals and ensures long and trouble free operation.
Please ensure that the valve is being used according with the manufacturers specification, such as air pressure and temperature.
The exhaust port of the distributor has to be protected in a dusty and dirty environment.
Repair kits including the spool complete with seals are available for overhauling the valves.
However, although this is a simple operation it should be carried out by a competent person.

ATTENTION: use hydraulic oil class H for lubrication such as CASTROL MAGNA SW32.

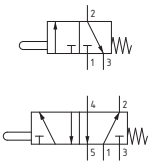
Tappet - Spring

Coding: T228.Ⓣ.0.1

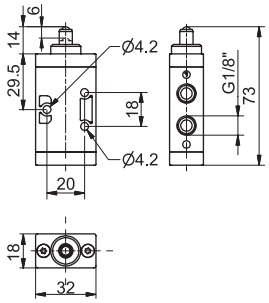
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 33 N



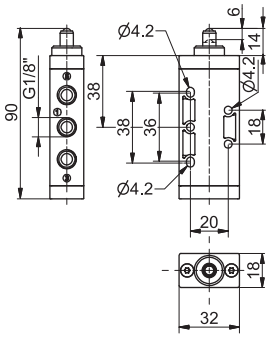
3/2 ways



Weight 60 g

T228.32.0.1

5/2 ways



Weight 72 g

T228.52.0.1

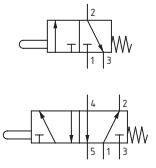
Tappet panel - Spring

Coding: T228.Ⓣ.1.1

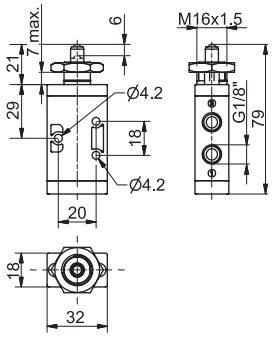
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 33 N



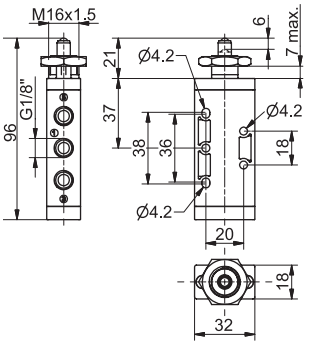
3/2 ways



Weight 77 g

T228.32.1.1

5/2 ways



Weight 90 g

T228.52.1.1

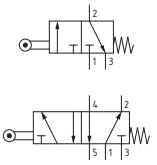
Lever roller-Spring

Coding: T228.Ⓣ.2.Ⓥ

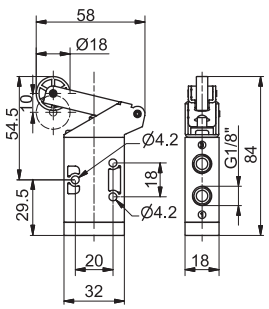
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓥ	VERSION
	1 = Plastic roller
	1/1 = ball bearing
	1/2 = Metal roller

Operating force 15 N



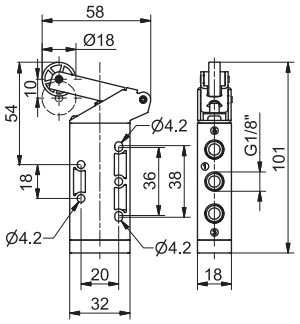
3/2 ways



Weight 90 g

T228.32.2.Ⓥ

5/2 ways



Weight 102 g

T228.52.2.Ⓥ

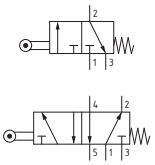
Lever roller ball bearing - Spring

Coding: T228.Ⓣ.2.1/1

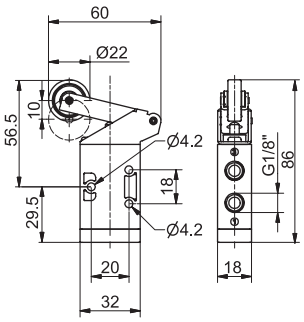
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 15 N



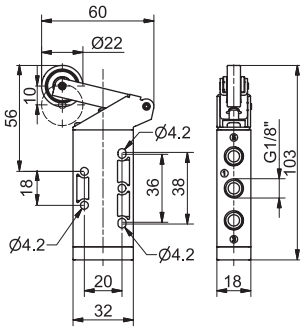
3/2 ways



Weight 105 g

T228.32.2.1/1

5/2 ways



Weight 117 g

T228.52.2.1/1

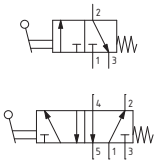
Lever button - Spring

Coding: T228.Ⓣ.2.6/Ⓒ

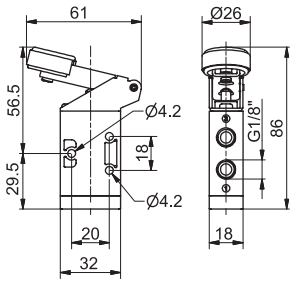
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	LEVER COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green

Operating force 15 N



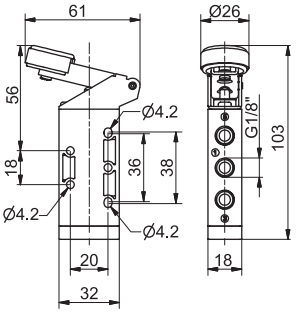
3/2 ways



Weight 95 g

T228.32.2.6/Ⓒ

5/2 ways



Weight 87 g

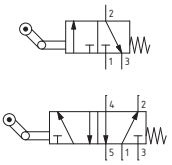
T228.52.2.6/Ⓒ

Lever roller unidirectional - Spring

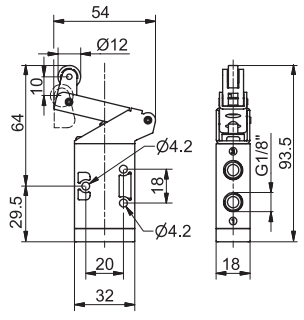
Coding: T228.Ⓣ.3.Ⓥ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	VERSION
Ⓥ	**1** = Plastic roller
	1/2 = Metal roller



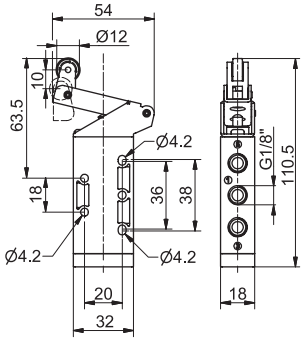
3/2 ways



Weight 85 g

T228.32.3.Ⓥ

5/2 ways



Weight 97 g

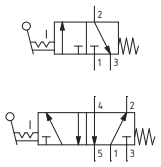
T228.52.3.Ⓥ

Lever panel Ø30 - 2 positions

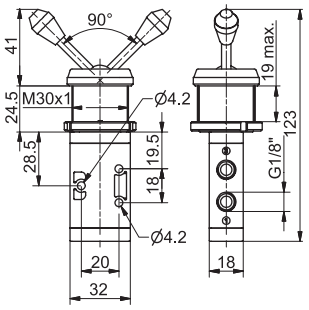
Coding: T228.Ⓣ.5/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green



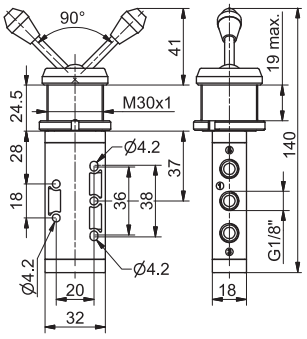
3/2 ways



Weight 168 g

T228.32.5/Ⓒ

5/2 ways



Weight 180 g

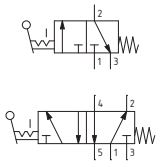
T228.52.5/Ⓒ

Lever lateral 2 positions

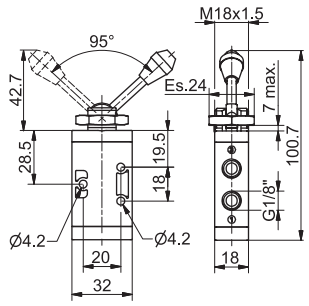
Coding: T228.Ⓣ.55/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green



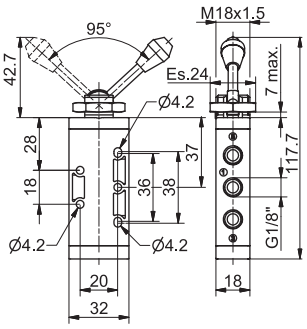
3/2 ways



Weight 84 g

T228.32.55/Ⓒ

5/2 ways



Weight 96 g

T228.52.55/Ⓒ

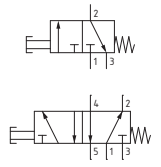
Push button Ø30 - spring

Coding: T228.Ⓣ.6.1/Ⓒ

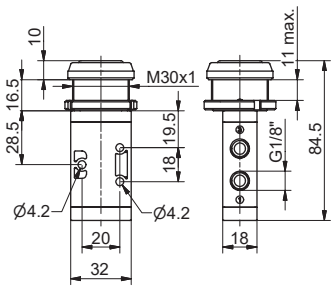
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	BUTTON COLOR
	1 = Red
	2 = Black
	3 = Green

Operating force 33 N



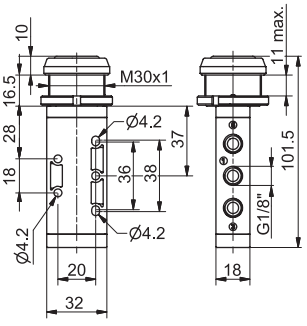
3/2 ways



Weight 125 g

T228.32.6.1/Ⓒ

5/2 ways



Weight 137 g

T228.52.6.1/Ⓒ

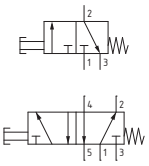
Push button - Spring

Coding: T228.Ⓣ.6.22/Ⓒ

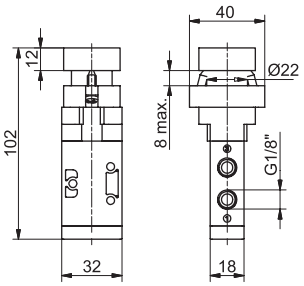
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	BUTTON COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green
	4 = Yellow

Operating force 33 N



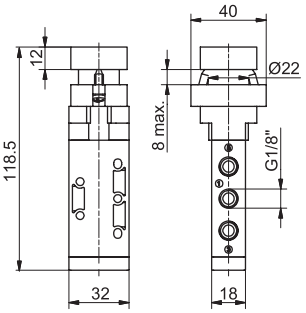
3/2 ways



Weight 200 g

T228.32.6.22/Ⓒ

5/2 ways



Weight 212 g

T228.52.6.22/Ⓒ

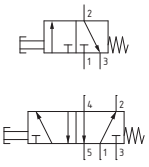
Raised push button Ø22 - Spring

Coding: T228.Ⓣ.6.23/Ⓒ

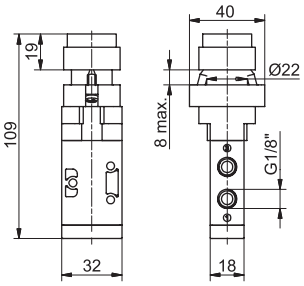
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	BUTTON COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green
	4 = Yellow

Operating force 33 N



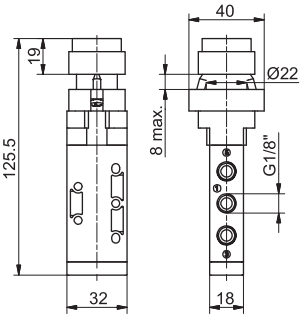
3/2 ways



Weight 205 g

T228.32.6.23/Ⓒ

5/2 ways



Weight 217 g

T228.52.6.23/Ⓒ

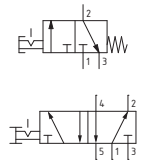
Push button Ø22 - 2 positions

Coding: T228.Ⓣ.6.25

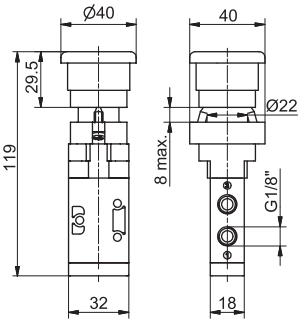
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 33 N



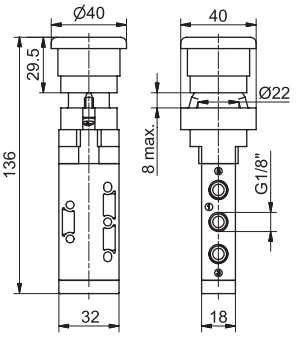
3/2 ways



Weight 210 g

T228.32.6.25

5/2 ways



Weight 202 g

T228.52.6.25

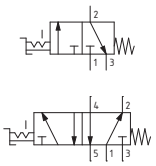
Switch 2 positions

Coding: T228.Ⓣ.6.27

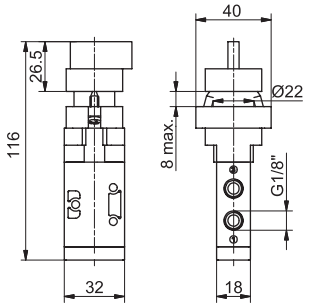
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 33 N



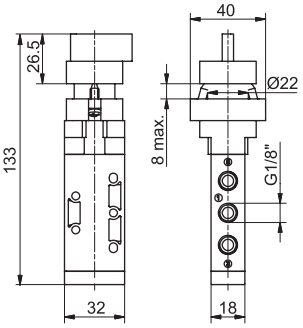
3/2 ways



Weight 205 g

T228.32.6.27

5/2 ways



Weight 217 g

T228.52.6.27

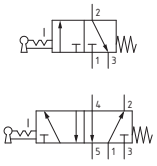
Key switch 2 positions

Coding: T228.Ⓣ.6.28

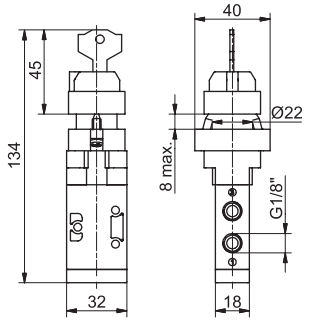
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 33 N



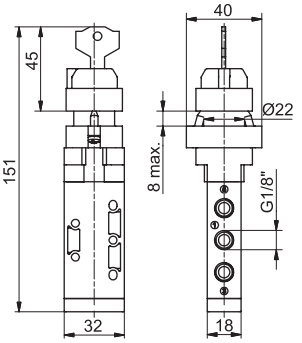
3/2 ways



Weight 205 g

T228.32.6.28

5/2 ways



Weight 217 g

T228.52.6.28

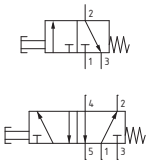
Palm push button Ø30 2 positions

Coding: T228.Ⓣ.7.1/Ⓒ

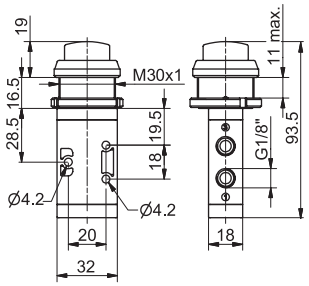
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	BUTTON COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green

Operating force 33 N



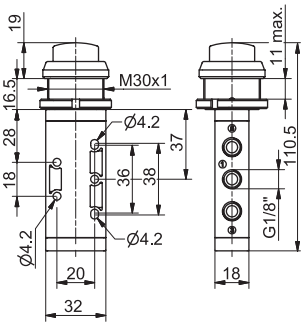
3/2 ways



Weight 118 g

T228.32.7.1/Ⓒ

5/2 ways



Weight 130 g

T228.52.7.1/Ⓒ

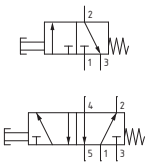
Push button - Spring

Coding: T228.Ⓣ.8.1/Ⓒ

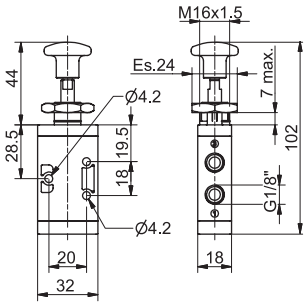
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	BUTTON COLOR
	1 = Red
	2 = Black
	3 = Green

Operating force 33 N



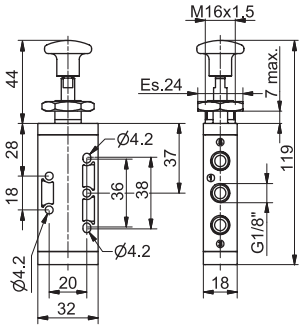
3/2 ways



Weight 95 g

T228.32.8.1/Ⓒ

5/2 ways



Weight 107 g

T228.52.8.1/Ⓒ

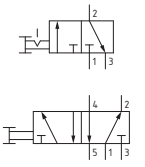
Push button 2 positions

Coding: T228.Ⓣ.8/Ⓒ

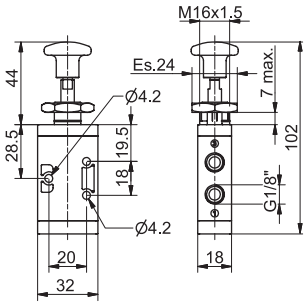
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	BUTTON COLOR
	1 = Red
	2 = Black
	3 = Green

Operating force 10 N



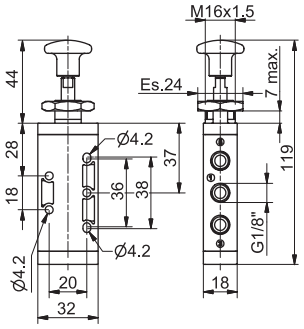
3/2 ways



Weight 95 g

T228.32.8/Ⓒ

5/2 ways



Weight 107 g

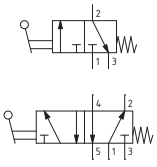
T228.52.8/Ⓒ

Lever lateral - Spring

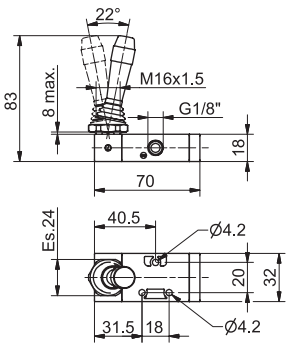
Coding: T228.Ⓣ.9.1/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green



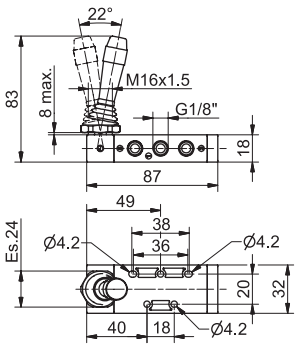
3/2 ways



Weight 100 g

T228.32.9.1/Ⓒ

5/2 ways



Weight 110 g

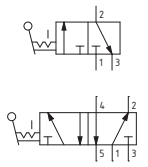
T228.52.9.1/Ⓒ

Lever lateral 2 positions

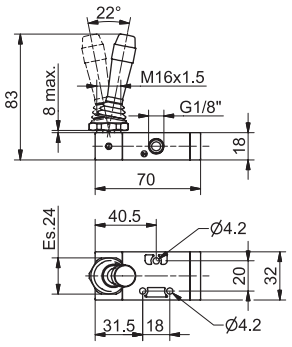
Coding: T228.Ⓣ.9/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
	LEVER COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green



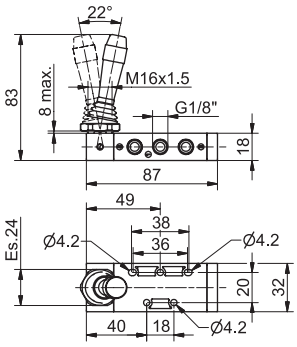
3/2 ways



Weight 100 g

T228.32.9/Ⓒ

5/2 ways



Weight 110 g

T228.52.9/Ⓒ

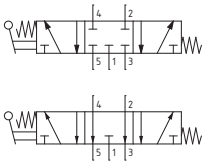
Lever lateral-Spring 3 positions

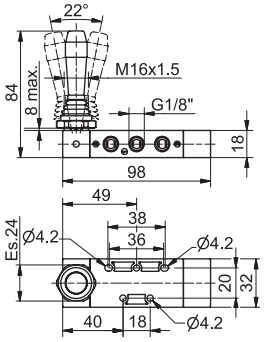
Coding: T228.53.Ⓕ.9.1/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	410
Orifice size (mm)	6
Working ports size	G1/8"

	FUNCTION
Ⓕ	**31** = Closed centres
	32 = Open centres
	LEVER COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green

Weight 140 g





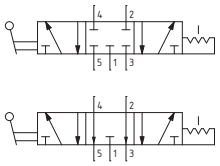
Lateral lever - 3 positions detent

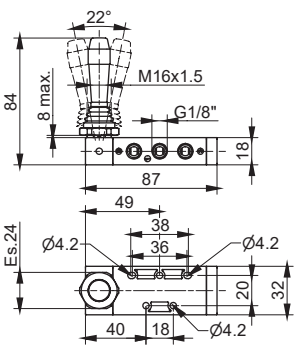
Coding: T228.53.Ⓕ.9/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +70
Flow rate at 6 bar with Δp=1 (Nl/min)	410
Orifice size (mm)	6
Working ports size	G1/8"

	FUNCTION
Ⓕ	**31** = Closed centres
	32 = Open centres
	LEVER COLOR
Ⓒ	**1** = Red
	2 = Black
	3 = Green

Weight 110 g





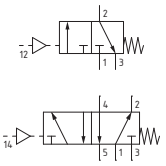
Pneumatic - Spring

Coding: T228.Ⓣ.11.1

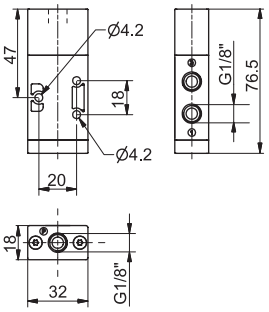
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2,5 bar



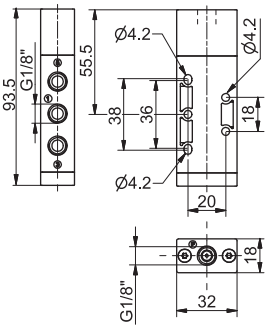
3/2 ways



Weight 65 g

T228.32.11.1

5/2 ways



Weight 78 g

T228.52.11.1

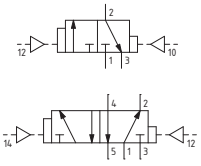
Pneumatic - Differential

Coding: T228.Ⓣ.11.12

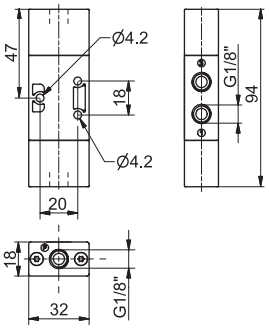
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2,5 bar



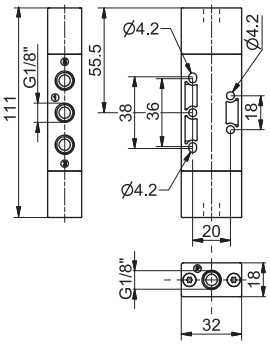
3/2 ways



Weight 74 g

T228.32.11.12

5/2 ways



Weight 86 g

T228.52.11.12

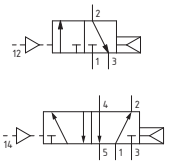
Pneumatic-Differential (Self feeding)

Coding: T228.Ⓣ.11.12/1

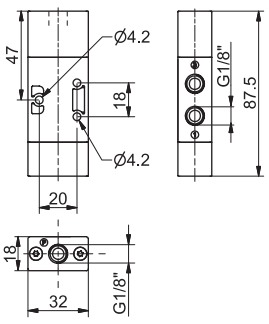
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2,5 bar



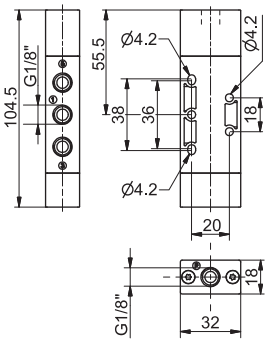
3/2 ways



Weight 70 g

T228.32.11.12/1

5/2 ways



Weight 82 g

T228.52.11.12/1

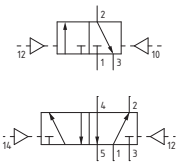
Pneumatic-Pneumatic

Coding: T228.Ⓣ.11.11

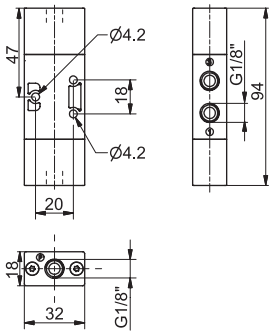
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	620
Orifice size (mm)	6
Working ports size	G1/8"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2 bar



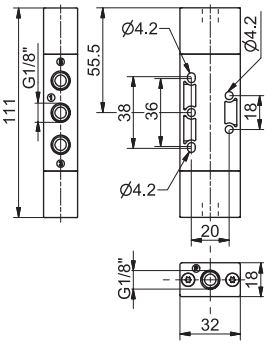
3/2 ways



Weight 77 g

T228.32.11.11

5/2 ways



Weight 90 g

T228.52.11.11

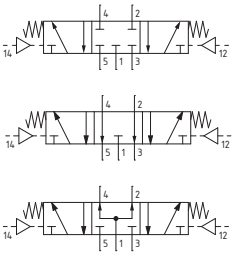
Pneumatic - Pneumatic 3 positions

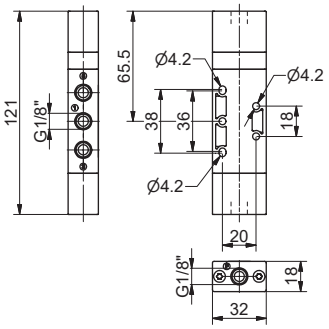
Coding: T228.53.Ⓕ.11.11

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	410
Orifice size (mm)	6
Working ports size	G1/8"
Pilot ports size	G1/8"

Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres

Minimum pilot pressure 3 bar





Weight 110 g

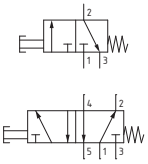
Push button - Spring

Coding: T224.Ⓣ.8.1

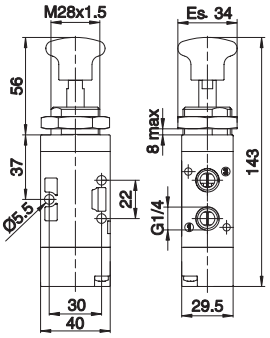
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 50 N



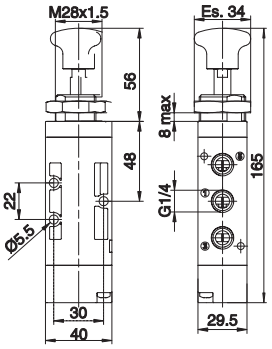
3/2 ways



Weight 170 g

T224.32.8.1

5/2 ways



Weight 200 g

T224.52.8.1

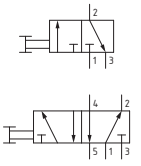
Push button 2 positions

Coding: T224.Ⓣ.8

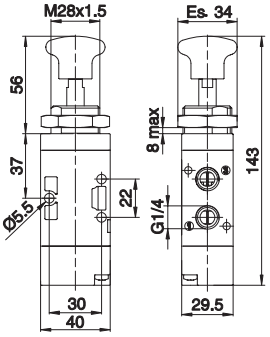
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Operating force 13 N



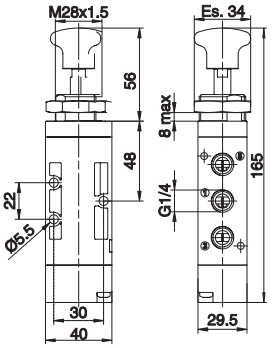
3/2 ways



Weight 170 g

T224.32.8

5/2 ways



Weight 200 g

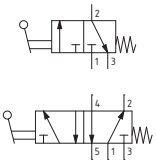
T224.52.8

Lever lateral - Spring

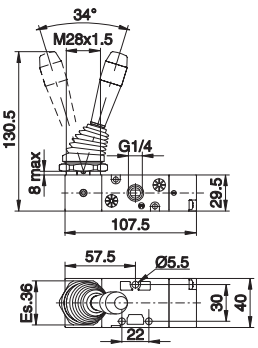
Coding: T224.Ⓣ.9.1/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"

	TYPE
Ⓣ	**32** = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green



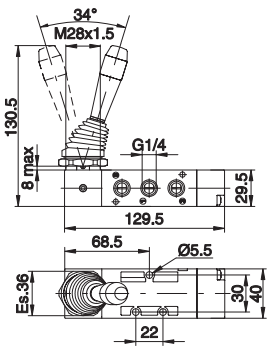
3/2 ways



Weight 220 g

T224.32.9.1/Ⓒ

5/2 ways



Weight 250 g

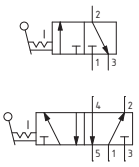
T224.52.9.1/Ⓒ

Lever lateral 2 positions

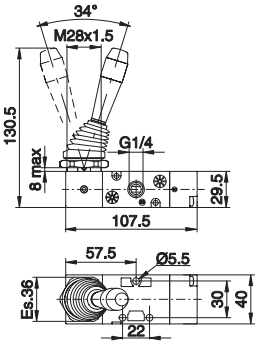
Coding: T224.Ⓣ.9/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green



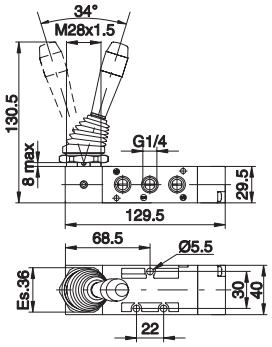
3/2 ways



Weight 220 g

T224.32.9/Ⓒ

5/2 ways



Weight 250 g

T224.52.9/Ⓒ

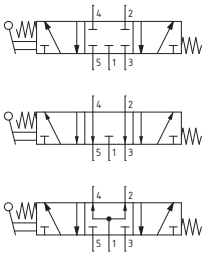
Lever lateral-Spring 3 positions

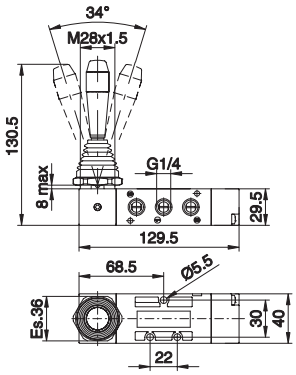
Coding: T224.53.Ⓕ.9.1/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	900
Orifice size (mm)	8.5
Working ports size	G1/4"

Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green

Weight 270 g





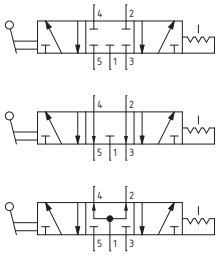
Lateral lever - 3 positions detent

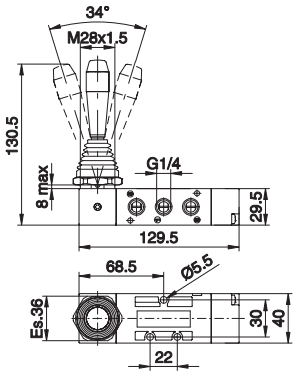
Coding: T224.53.Ⓕ.9/Ⓒ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	900
Orifice size (mm)	8.5
Working ports size	G1/4"

Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
Ⓒ	LEVER COLOR
	1 = Red
	2 = Black
	3 = Green

Weight 270 g





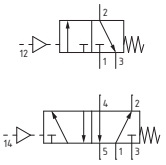
Pneumatic - Spring

Coding: T224.Ⓣ.11.1

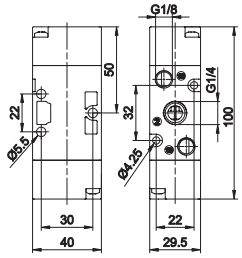
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2,5 bar



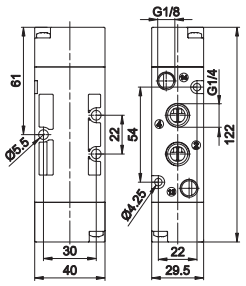
3/2 ways



Weight 110 g

T224.32.11.1

5/2 ways



Weight 140 g

T224.52.11.1

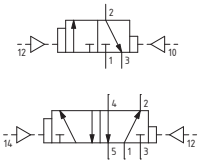
Pneumatic - Differential

Coding: T224.Ⓣ.11.12

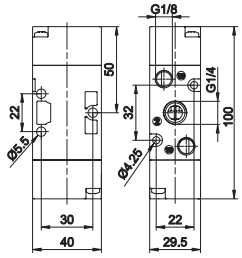
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2 bar



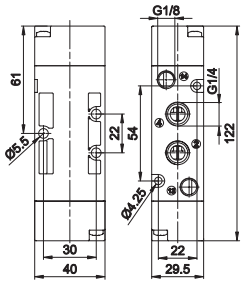
3/2 ways



Weight 110 g

T224.32.11.12

5/2 ways



Weight 140 g

T224.52.11.12

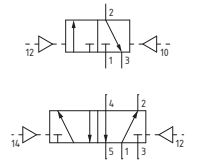
Pneumatic-Pneumatic

Coding: T224.Ⓣ.11.11

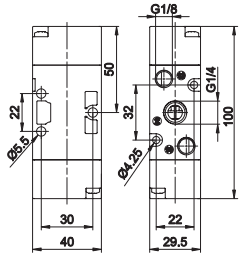
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1050
Orifice size (mm)	8.5
Working ports size	G1/4"
Pilot ports size	G1/8"

Ⓣ	TYPE
	32 = 3 ways, 2 positions
	52 = 5 ways, 2 positions

Minimum pilot pressure 2 bar



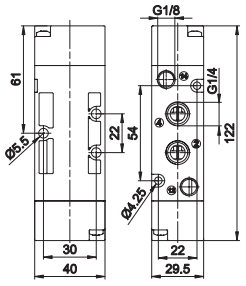
3/2 ways



Weight 110 g

T224.32.11.11

5/2 ways



Weight 140 g

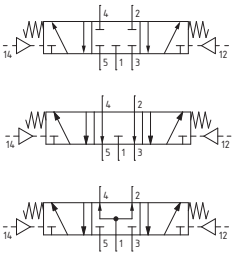
T224.52.11.11

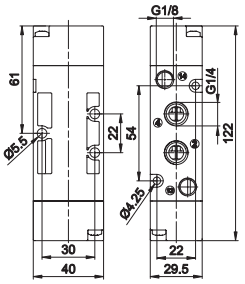
Pneumatic - Pneumatic 3 positions

Coding: T224.53.Ⓕ.11.11

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	900
Orifice size (mm)	8.5
Working ports size	G1/4"
Pilot ports size	G1/8"

Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres





Weight 160 g
Minimum pilot pressure 3 bar