

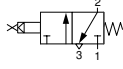
Miniature Pneumatic Valves

Kuhnke 72 Series Micro Valve - Air Jet Detector

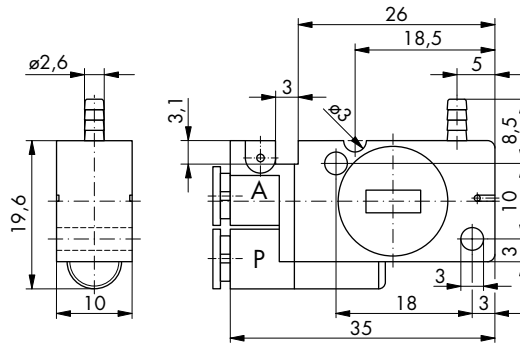
Technical information

Air consumption @ 6 bar:	Approx. 0.7 l/min
Actuation time:	Depends on volume of tubing
Pressure range:	1.5-8 bar - air pilot assisted
Temperature range:	-10°C...+60°C
Housing:	Polyamide with brass fittings
Seals:	Perbunan
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air
Necessary accessories:	Tube nipple, nozzle, hose (Order code 43.138)

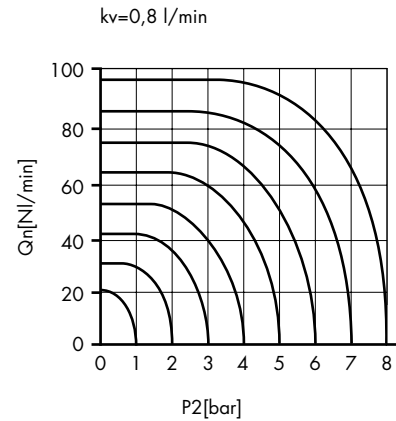


Symbol	Description	Orifice	Connection	Order code
	3/2 way spring return normally closed sintered exhaust	2mm	Push-in 4mm	72.030

Dimensional drawings



Air jet detectors are used for contact sensing of parts and tools and often used with delicate components. A stream of air is sent from a nozzle, as an object touches off the nozzle the stream is blocked causing back pressure which operates the valve. When using a flexible nozzle, any length of tube can be used. The volume of tubing will determine the valve switch time.



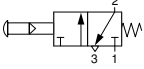
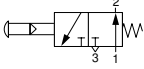
Miniature Pneumatic Valves

Kuhnke 72 Series Micro Valve - Button Operated

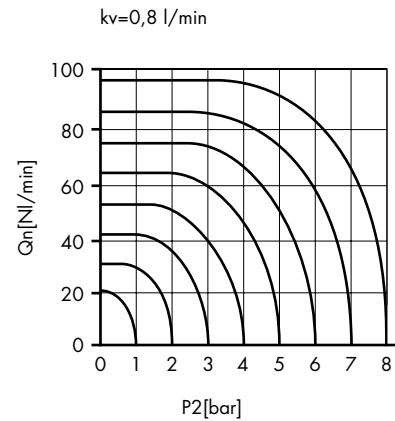
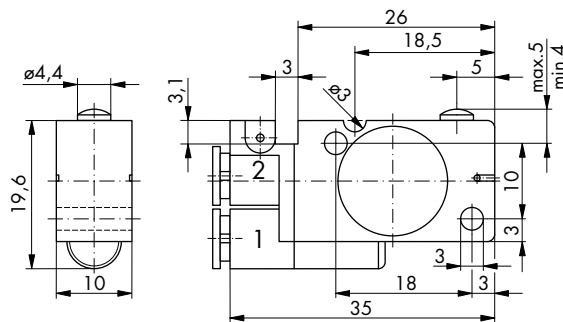
Technical information

Actuation force @ 8 bar:	Approx. 1N
Actuation stroke/override:	0.6 mm/1 mm
Air consumption @ 6 bar:	Approx. 0.7 l/min
Pressure range:	1.5-8 bar - air pilot assisted
Temperature range:	-10°C...+60°C
Housing:	Polyamide with brass fittings
Seals:	Perbunan
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



Symbol	Description	Orifice	Connection	Order code
	3/2 way spring return normally closed sintered exhaust	2mm	Push-in 4mm	72.010
	3/2 way spring return normally open sintered exhaust	2mm	Push-in 4mm	72.015

Dimensional drawings



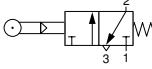
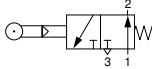
Miniature Pneumatic Valves

Kuhnke 72 Series Micro Valve - Roller Lever Operated

Technical information

Actuation force @ 8 bar:	Approx. 1N
Actuation stroke/override:	0.6 mm/1 mm
Air consumption @ 6 bar:	Approx. 0.7 l/min
Pressure range:	1.5-8 bar - air pilot assisted
Temperature range:	-10°C...+60°C
Housing:	Polyamide with brass fittings
Seals:	Perbunan
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air



Symbol	Description	Orifice	Connection	Order code
	3/2 way spring return normally closed sintered exhaust	2mm	Push-in 4mm	72.020
	3/2 way spring return normally open sintered exhaust	2mm	Push-in 4mm	72.025

Dimensional drawings

