

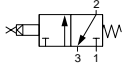
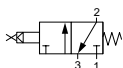
Miniature Pneumatic Valves

Kuhnke 79 Series Valve - 3/2 Way Air Jet Detector

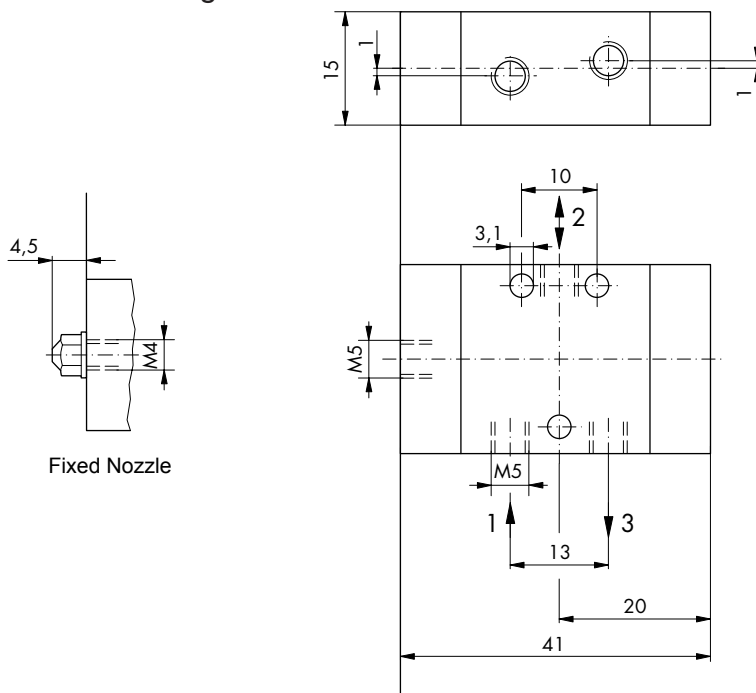
Technical information

Air consumption:	Approx. 2 l/min
Actuation time:	Depends on volume of tubing*
Pressure range:	2-10 bar - air pilot assisted
Temperature range:	0°C...+70°C
Housing:	Aluminium alloy/Zinc alloy/Makrolon
Spool & liner:	Steel, corrosion resistant
Lubricant:	Not required
Operating medium:	5 micron filtered, lubricated or non-lubricated compressed air
Necessary accessories:	Tube nipple, nozzle, hose (Order code 43.138)



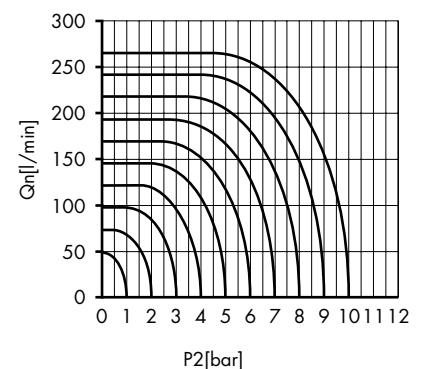
Symbol	Description	Type	Orifice	Ports	Order code
	3/2 way spring return normally closed, M5 threaded nozzle Order code 43.138 required.	Spool	2mm	M5	79.025
	3/2 way spring return normally closed, fixed nozzle	Spool	2mm	M5	79.026

Dimensional drawings



Air jet detectors are used for contact sensing of parts and tools and often used for sensing 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 the M5 threaded nozzle, any length of tube can be used, however, the tube length and volume will determine the valve switch time.

$k_v=1,80 \text{ l/min (NW 2)}$



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