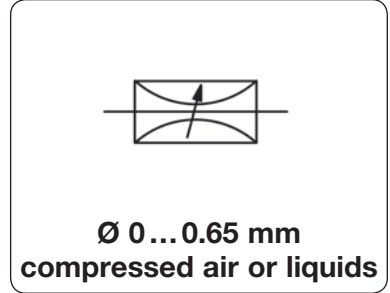


Description	The precision needle valve is a manually adjustable flow control valve used in pneumatic and fluid systems. Unique laminar flow design ensures sensitive reproducible control. Ideal for precision gas metering and circuit speed or sequencing control.	
Media	5 µm filtered compressed air, non-corrosive gases or liquids	
Operating pressure	vacuum up to positive pressure of max. 12 bar	
Adjustment	The flow control needle needs 8 screw turns for maximum flow, approximately equal to an 0.65 mm / 0.025" orifice.	
Panel mounting	borehole 8 mm / 0.312", max. panel thickness 3.5 mm / 0.15"	
Temperature range	-40 °C to 95 °C / -40 °F to 203 °F	
Material	Body and needle: nickel-plated brass	Elastomer: NBR/Buna-N



Flow adjustment	Operating pressure	Volume flow at 3.5 bar and 6 turns	Nipple diameter	Order number
mit	max. bar	l/min	Ø mm / inch	

Needle valve with knurled screw				operating pressure max. 12 bar, nickel-plated brass, Ø 0...0.65 mm	NV30-K
knurled-head	12	0...32	3.0 / 1/16"		NV30-2K
			4.5 / 1/8"		NV30-4K

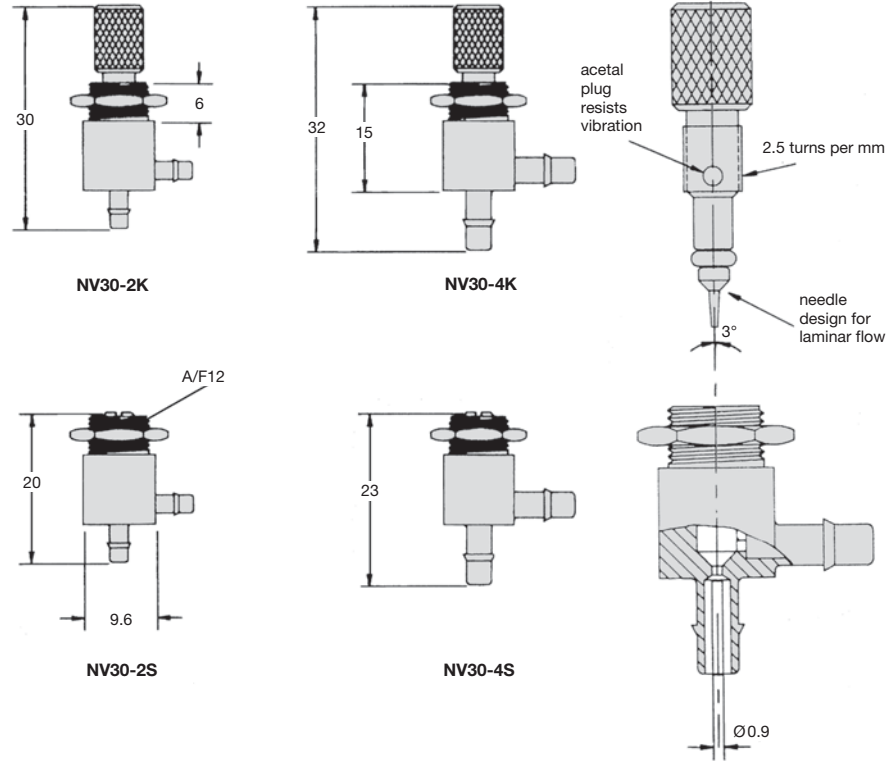


NV30-2K with knurled-head

Needle valve with slotted screw				operating pressure max. 12 bar, nickel-plated brass, Ø 0...0.65 mm	NV30-S
slotted screw	12	0...32	3.0 / 1/16"		NV30-2S
			4.5 / 1/8"		NV30-4S



NV30-4S with slotted screw



NV30-2K

