

MINIATURE PROPORTIONAL VALVES

2/2-way

Orifice diameter 0.3 - 4.0 mm (DN)

Small, precise, with a very long life-time

Miniature proportional valves



8mm micro proportional valve



15mm micro proportional valve



21mm micro proportional valve

The miniature proportional valves for neutral liquids and gases are characterised by optimal use of the smallest installation spaces, a very long service life and high accuracy. These valves enable a stepless and fine control of the flow with high accuracy and repeatability.

SPECIFICATIONS

	8mm	15mm	21mm
Type	2/2-way proportional valve		
Port connection	Cartridge		
Outer dimensions	8 mm	15 mm	21 mm
Rated voltage	12 VDC 24 VDC		
Orifice diameter	0.3 mm	0.5 mm 1.0 mm 1.5 mm 2.0 mm	2.0 mm 4.0 mm
Operating pressure range	0 - 8 bar (due to orifice size)	0 - 10 bar (due to orifice size)	
Seal material	FFKM	FKM	FKM EPDM FFKM
Max. ambient temperature	50°C		
Body material	Stainless steel (1.4305)		
Inner parts	Stainless steel (1.4310/1.4105)		
Operating duration	100% ED		
Mounting direction	Any (preferred upwards)		
Weight	approx. 4.9 g	approx. 23 g	approx. 61 g