

PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Piloted Valve
Product type	P8a



P8a	
Weight	680 g
Dimensions	110mm x 88mm x 47mm
Interfaces	1/2" or 12mm tube Inlet /Outlet or Direct Flange
Materials fluid channel	Stainless steel series 300 and 400, PEEK, PTFE, Aluminum AW-6082
Nominal voltage	28 V \pm 4 V DC
Resistance	24.2 Ω \pm 5% / 20°C
Nominal power (at 28V, RT)	50 W
Nominal diameter	8 mm
Flow coefficient Kv	1.55 m ³ /h
Differential pressure	Up to 400 bar
Operating pressure	Up to 600 bar
Proof pressure	Up to 1000 bar
Ambient temperature (range)	80K ... 400K (designed, tested at RT)
Approved operating fluids	Inert media, Hydrocarbons, H2 Optional: N2O, HTP, Storables
Actuation time nominal	< 15 ms @ 300bar
Internal Leakrate	< 1 scc/s GN2 @ 80K < 1e-3 scc/s GN2 @ RT
External Leakrate	< 1e-5 scc/s
Flight Heritage	No

Please note: Delivered valves are tested according to the specifications defined in the corresponding sales order. The values shown represent the upper performance limits, with actual configurations optimized for the best balance of parameters to meet your application needs and budget.

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