

PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Bi-stable Solenoid Valve
Product type	L4a



L4a	
Weight	520 g
Dimensions	Ø45 x 77 mm ³
Interfaces	2 x 3/8 " tube
Materials fluid channel	Stainless steel series 300 and 400, PEEK, PTFE
Nominal voltage	28 V ± 4 V DC
Resistance nominal	22.0 ± 2.0 Ω / 20°C
Nominal power (at 28V, RT)	40 W
Peak power (at Tmin)	60 W
Nominal diameter	4mm
Flow coefficient Kv	0.56 m ³ /h
Differential pressure	Up to 30 bar
Operating pressure	Up to 30 bar
Proof pressure	Up to 45 bar
Ambient temperature (range)	253K ... 343K (designed, tested at RT)
Approved operating fluids	Inert media, Hydrocarbons, H ₂ , O ₂ Optional: Storables, N₂O, HTP (short term)
Opening time nominal	< 60 ms
Closing time nominal	< 60 ms
Internal leakage RT	< 1e-3 scc/s
External leakage	< 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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