

PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Solenoid Valve
Product type	E1a



E1a

Weight	180 g
Dimensions	Ø34 x 57 mm ³
Interfaces	2 x ¼ " tube
Material fluid channel	Stainless steel 300 and 400 series, PEEK, PTFE
Nominal voltage	28 V ± 4 V DC
Resistance	39 ± 2 Ω / 20°C
Nominal power	TBD at RT
Nominal diameter	1mm
Flow coefficient Kv	0.04 m ³ /h
Differential pressure (max.)	Up to 400 bar (application dependent)
Operating pressure (max.)	Up to 400 bar (application dependent)
Proof pressure	Up to 600 bar (application dependent)
Ambient temperature (range)	233K ... 343K (application dependent)
	Optional: 77K 343K
Approved operating fluids	Inert media, Hydrocarbons, H ₂ , O ₂ Optional: Storables, N₂O, HTP (short term)
Opening time nominal	< 30 ms (application dependent)
Closing time nominal	< 30 ms (application dependent)
Recommended holding current	0.2A
Internal leakage RT	< 1e-3 scc/s (application dependent)
Internal leakage TLN2	< 1e-2 scc/s (application dependent)
External leakage	< 1e-5 scc/s (application dependent)
Flight Heritage	No

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