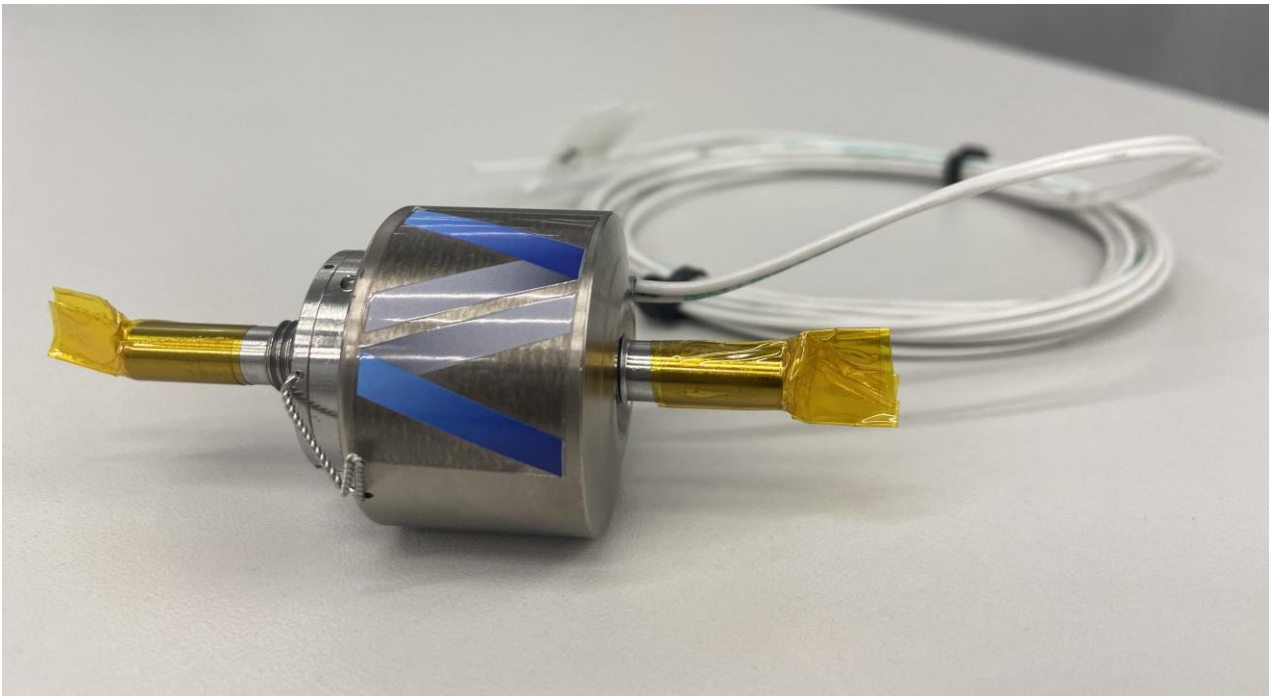


PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Bi-stable Solenoid Valve
Product type	L1a

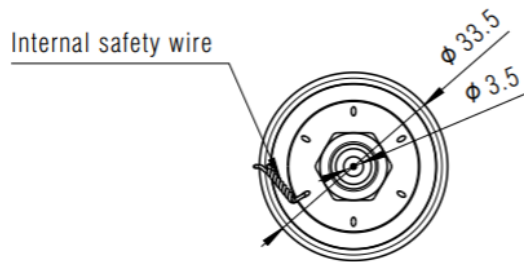


L1a	
Weight	160 g
Dimensions	Ø34 x 71 mm ³
Interfaces	2 x ¼ " tube
Materials fluid channel	Stainless steel 300 and 400 series, PEEK, PTFE
Nominal voltage	24 V ± 4 V DC
Resistance nominal	43.0 ± 3.0 Ω / 20°C
Nominal power (at 28V, RT)	20 W
Peak power (at Tmin)	30 W
Nominal diameter	1mm
Flow coefficient Kv	0.03 m³/h
Differential pressure (max.)	Up to 400 bar
Operating pressure (max.)	Up to 400 bar
Proof pressure	Up to 600 bar
Ambient temperature (range)	253K ... 373K (designed, tested at RT)
	Optional: 77K ... 373K
Approved operating fluids	Inert media, Hydrocarbons, H2, O2 Optional: Storables, N2O, HTP (short term)
Opening time nominal	< 35 ms
Closing time nominal	< 35 ms
Internal leakage RT	< 1e-3 scc/s
Internal leakage TLN2	< 1e-2 scc/s
External leakage	< 1e-5 scc/s
Flight Heritage	No

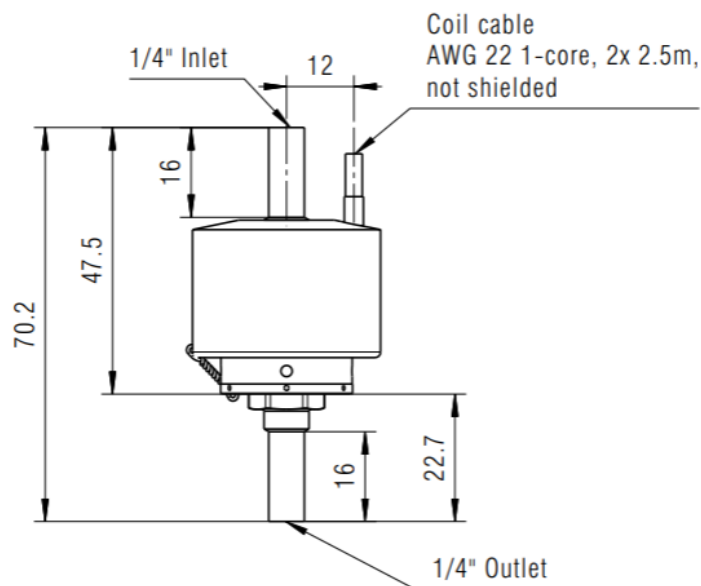
Please note: Delivered valves are tested according to the specifications defined in the corresponding sales order. The values shown represent the upper performance limits, with actual configurations optimized for the best balance of parameters to meet your application needs and budget.

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.

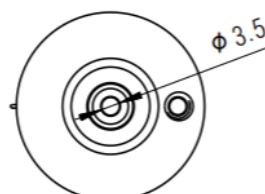
Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patent-, Gebrauchsmuster- oder Geschmacksmerkmalen vorbehalten.



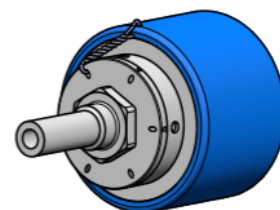
Maßstab: 1:1



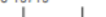
Maßstab: 1:1



Maßstab: 1:1



Isometrisch
Maßstab: 1:1

ISO 1302		ISO 13715		 deltaVision GmbH		Name			
						L1a ICD			
Beschichtung						prd-Nr.		Projekt	
Material						prd-00066733		Elektroventil L1	
Masse		Status		Version	Autor	drw-Nr.		Ref.	Format
160 g		Released		A	eliseverdiere 7/14/2025	drw-00005542		ISO 8015 DIN ISO 5456-2 ISO 2768-mK	A4