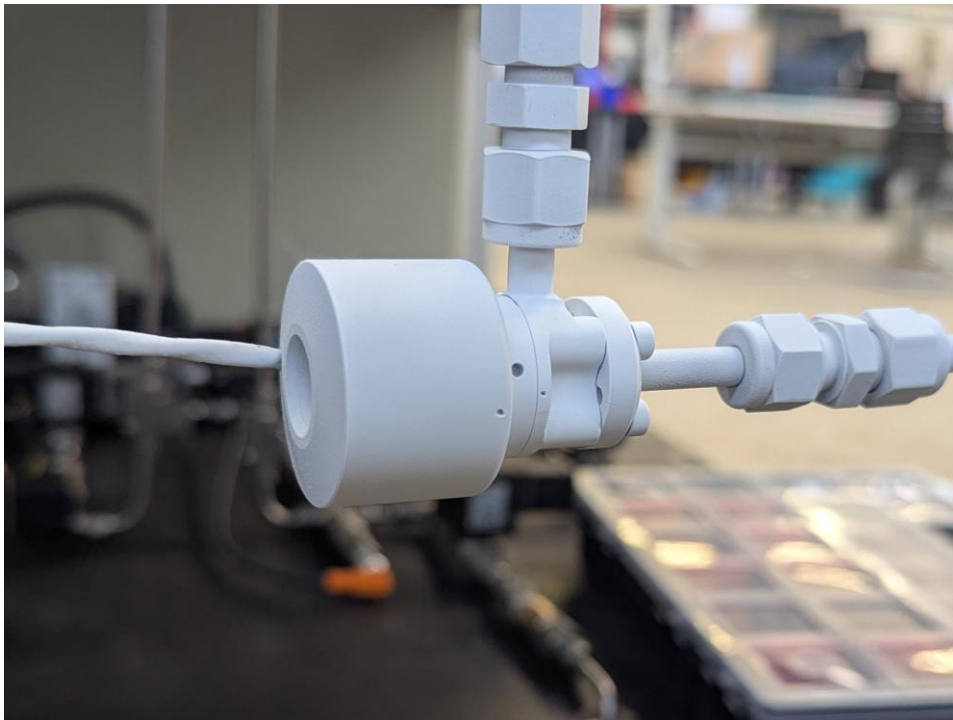


PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Solenoid Valve
Product type	E3c

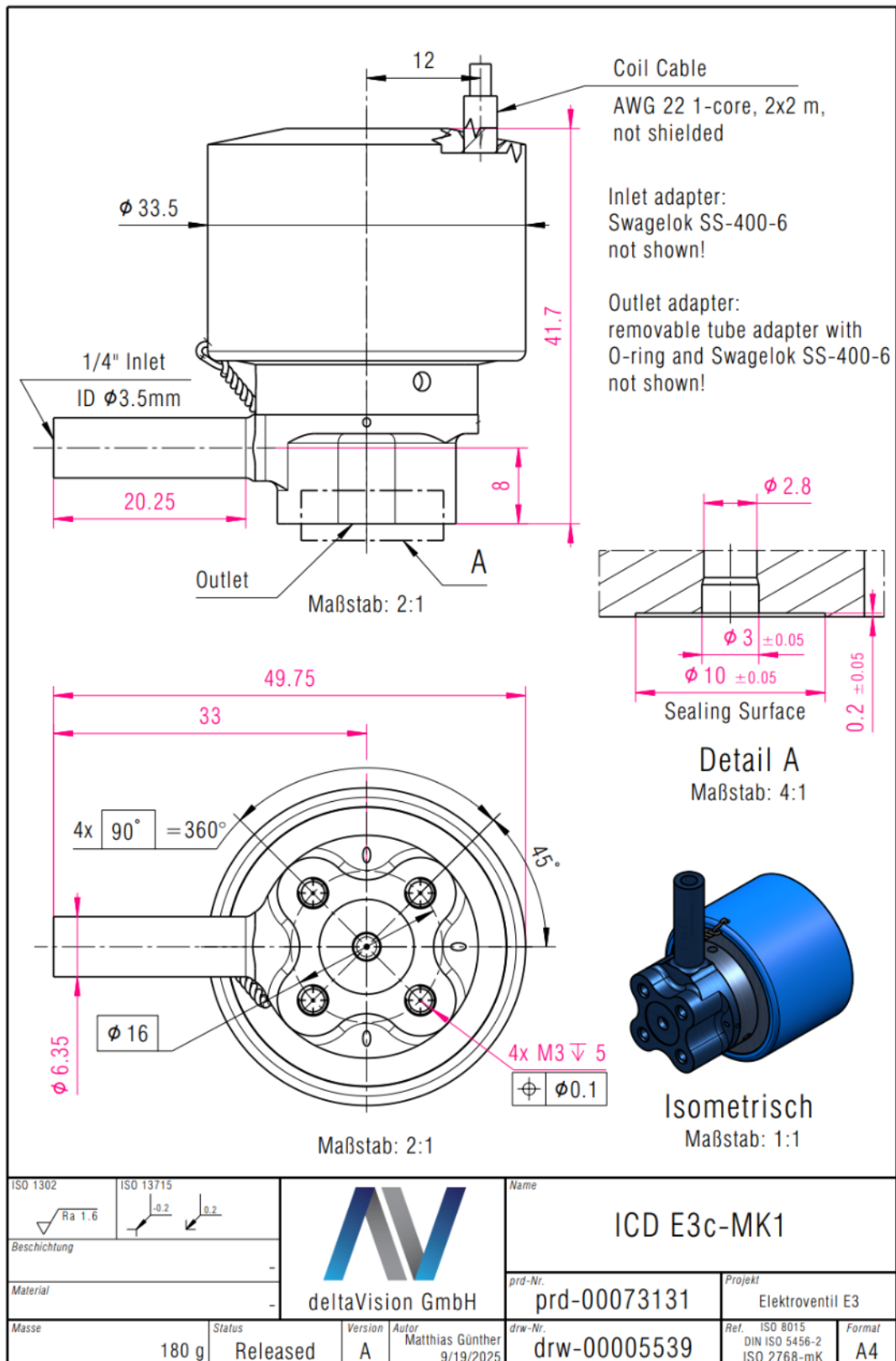


E3c	
Weight	180 g
Dimensions	34 x 42 x 45 mm
Interfaces	1/4 " tube + flange, 1/4 " tube + X-flange, 2x1/4 " tube + X-flange, adaptable
Materials fluid channel	Stainless steel series 300 and 400, PEEK, PTFE
Nominal voltage	28 V $\pm$ 4 V DC
Resistance nominal	27 Ω $\pm$ 5% / 20°C
Nominal power (at 28V, RT)	30 W
Peak power (at Tmin)	47 W
Nominal diameter	3mm
Flow coefficient Kv	0.17 m ³ /h
Differential pressure	Up to 52 bar
Operating pressure	Up to 52 bar
Proof pressure	Up to 78 bar
Ambient temperature (range)	253K ... 373K (designed, tested RT) Optional: 77K ... 373K
Approved operating fluids	Inert gases, Hydrocarbons, H ₂ , O ₂ Optional: Storables, N₂O, HTP (short-term)
Opening time nominal	< 30 ms
Closing time nominal	< 30 ms
Recommended holding current	0.15A
Internal leakage RT	< 4e-4 scc/s GN ₂
Internal leakage TLN ₂	< 1e-2 scc/s GHe
External leakage	< 1e-5 scc/s GN ₂
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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