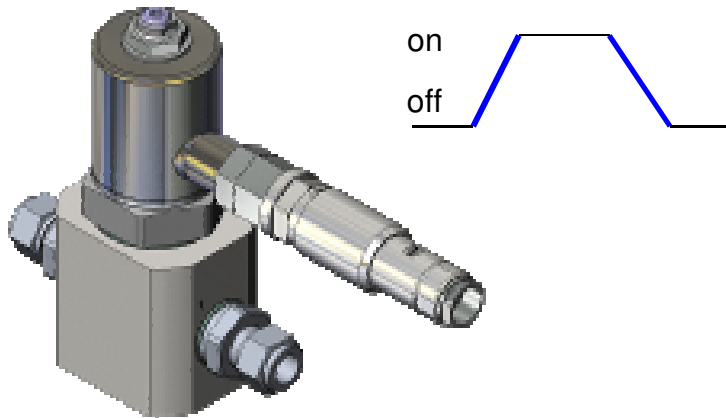


Product – SCV for first reactor Gen III+.



Sample Control Valve (Probeentnahmeventil)



Advantages:

- Designed for new EPR™
- On and off switches are **damped**
- inhibits water hammer
- It prevents pressure peaks in the pipes
- Low power consumption
- Description according PS 7021
- Certified by TÜV-Süd Germany

References:

- FIN/Olkiluoto 3 (QR doc50/FIN005 Rev.H)

Technical data

Mainfunction, Application	Suppling of the coolant to the analyser Reactor cooling circuit; sampling system	
Valve type	2936	
Article-no	8 mm	183.354.00, type ref. OL3 663
	6 mm	198.693.00, type ref. OL3 663
Function	2/2 way NC, direct operated	
Nominal diameter	2.5 mm acc. to flow rate	
Connection size	6 or 8 mm, Swagelok tube fitting	
Pressure range	0 ... 12 bar/1.2 MPa	
Ambient & medium temp.	10 to 50 °C	
Design temperature	100 °C	
Flow rate	150 l/h at max. pressure diff. 0.1 MPa	
Leak rate	<=15mm ³ over 10min acc. EN 12266-1	
Solenoid type	15 A 82; 207VDC +10%/-20%, 14W	
Degree of protection	IP67 acc. DIN EN 60529	
Medium	Reactor coolant	
	Different waters e.g. demineralized water	
Expected life time	30 years for the valve	
	10 years for the solenoid	
Qualified	Safety class SC3 ; Seismic class S2 Quality class QC3 ; Electrical QC EE2	