

## Installation principles – equipment for valves (V)

### Scope

SSG 5407E covers installation principles for the installation of valve equipment. Target groups are purchasers and suppliers. The purchaser specifies the desired delivery in the editable word documents that accompany the standard and suppliers perform installation according to the specification.

### Changes to the previous edition

This edition differs from the previous one as follows:

- The information in the respective principles has been updated to be relevant and has been harmonised with SSG pipe standards.
- References have been reviewed and updated.
- SS steel has been replaced with current references to materials.
- Installation principles can now be filled out and edited digitally. When editing existing text, the text turns red on grey to indicate that the content deviates from standard.
- In the respective principle, information concerning the material and dimension has been removed when a material code is specified. The information is then available in SSG 5415E — *Instrument installation — list of materials*. This is to reduce the risk of error, as the information is then only in one location.
- A section on designation has been added.
- The standard has been updated according to the current template for SSG standards.



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SSG 5407-V02: Sampling valve – remote controlled

SSG 5407-V04: On–off valve with built-in solenoid valve, fed from air stem

SSG 5407-V06: On–off valve with built-on solenoid valve – fed from wiring box

SSG 5407-V07: On–off valve with single-action actuator with spring return

SSG 5407-V08: On–off valve with double-action actuator

SSG 5407-V09: Control valve with electric / PN position switch

SSG 5407-V10: Control valve with elec./PN position switch and limit switch

SSG 5407-V11: Control valve with electric/PN position switch and limit switch, supplied from air stem

SSG 5407-V12: Control valve with pneumatic position switch

SSG 5407-V13: Control valve with elec./PN position switch (separate cables)

SSG 5407-V14: Control valve with elec./PN position switch and limit switch (separate cables)

SSG 5407-V15: Limit position valve – one limit position

SSG 5407-V16: Limit position valve – two limit positions

SSG 5407-V18: On–off valve with built-in solenoid valve, fed from air strain – two limit positions

SSG 5407-V19: On–off valve with built-on solenoid valve, supplied from wiring box – two limit positions

SSG 5407-V20: On–off valve with double-acting actuator – two limit positions

SSG 5407-V21: Control valve with elec./PN position switch, fed from air stem

SSG 5407-V22: Control valve with pneumatic position switch, fed from air stem

SSG 5407-V23: Control valve with pneumatic position switch and limit switch

SSG 5407-V24: Control valve with pneumatic position switch, supplied from air stem and with limit switch

SSG 5407-V25: Control valve with electric actuator, 230 V

SSG 5407-V26: Control valve with electric actuator, 24 V

SSG 5407-V27: Sampling valve controlled with hand lever

SSG 5407-V28: Electrical regulators

SSG 5407-V29: Control valve with electric actuator, 3-phase feed voltage