



Date Edition Designation Page 2022-06-20 7 TKI/TKE 1 (4)

Installation principles – level measurement equipment (L)

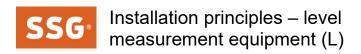
Scope

SSG 5404E covers installation principles for the installation of level measurement 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 since 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.
- For principle Lo3, detail 5, the material code has been changed from 3118 to 3120 to correspond to the specified dimension.
- The standard has been updated according to the current template for SSG standards.



SSG 5404E

Date Edition Designation Page 2022-06-20 7 TKI/TKE 2 (4)

Contents

1	Related documents3
2	Installation principles according to SSG
3	Designation 3
4	References4
•	
SS	3 5404E-L01: Level measurement with flanged sensor – open vessels
SS	G 5404E-L03: Level measurement with flanged sensor – flushing
•	en vessels
	G 5404E-L04: Level measurement with flanged sensor – closed
	sels 3 5404E-L05: Level measurement with flanged sensor plus flushing –
	sed vessels
	G 5404E-L08: Level measurement with d/p sensor on valve block –
	sed vessels, max PN 40
	G 5404E-L09: Level measurement with d/p sensor – closed vessels,
ma	x PN 40
	G 5404E-L11: Level measurement with d/p sensor on valve block and
	shing – closed vessels
	G 5404E-L12: Dome level measurement with blowing, max PN 40
	G 5404E-L13: Dome level measurement with blowing, max PN 100
	G 5404E-L14: Dome level measurement with blowing, max PN 250
SS	G 5404E-L15: Level measurement with soap film flowmeter – open
	sels
	G 5404E-L17: Level measurement with float sensor
	G 5404E-L18: Level measurement with pressure membrane
	G 5404E-L20: Level monitoring with radioactive isotope
	G 5404E-L21: Level monitoring with float
SS	G 5404E-L22: Level monitoring with float switch
SS	G 5404E-L23: Level measurement with pressure separator
SS	G 5404E-L24: Level measurement with fibre optics
	G 5404E-L26: Disaster protection for low or high level
SS	G 5404E-L27: Level measurement with capillary line – open vessels
	n water flushing
SS	G 5404E-L28: Level measurement with capillary line – closed vessels
witl	n water flushing
SS	G 5404E-L29: Level monitoring with radioactive isotope
SS	3 5404E-L30: Level monitoring with direct mounted sensor with gate
val	
SS	G 5404E-L31: Level monitoring with ultrasound
SS	G 5404E-L32: Level monitoring with radar
	G 5404E-L33: Level monitoring with ultrasound (2 wire)
	G 5404E-L34: Level monitoring with radar (2 wire)
SS	G 5404E-L35: Vibrating guard
SSC	3 5404F-I 36: Canacitive quard