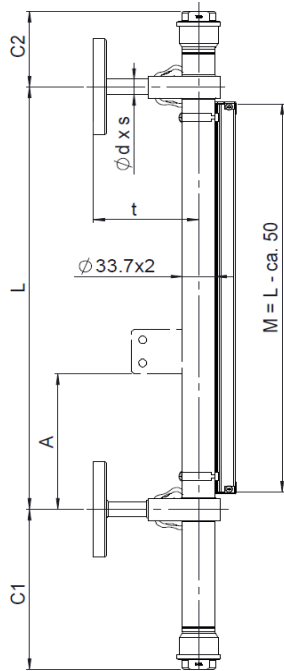
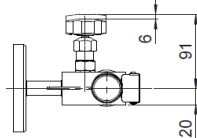


# Smart Line 50 with integrated valves Type: 34110-O

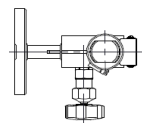
Design meets the requirements of PED 2014/68/EU and harmonized standards



Standard "right hand" type: 34110-O



Optional "left hand" type: 34110-O (L)



Size of shut-off valve: DN6

### Float extension lower / upper:

Density in g/cm <sup>3</sup> :	C1:	C2:
SS <sup>-</sup> 0.6 and <0.7	350	85
SS <sup>-</sup> 0.7 and < 0.8	250	85
SS <sup>-</sup> 0.8 and < 1	180	85
SS <sup>-</sup> 1	140	85
NBR <sup>-</sup> 0.55	100	85

C1 & C2 shorter or longer, if out of standard range or with damping springs

### Standard flange connections:

	EN	ANSI/ISO
Connection pieces, d*s:		
DN15:	17.2*1.6	17.2*1.6
DN20:	17.2*1.6	17.2*1.6
DN25:	17.2*1.6	17.2*1.6
DN32:	17.2*1.6	17.2*1.6
Dimension t:		
DN15:	110	110
DN20:	110	110
DN25:	110	110
DN32:	tba on request <sup>2)</sup>	

### Notes:

\*1) Refer to pressure-temperature rating! Lowest pressure-temperature rating of any connecting flange or fitting will set the limitation!  
Test pressure will be specified according to WEKA specification AW 2.1.2.

\*2) In general also 100mm, depending on flange size

All indicated dimensions in mm. All dimensions are only valid on VLI in standard execution.

### Purchase Order Data:

Company:	<input type="text"/>	Project:	<input type="text"/>
Purchase order no.:	<input type="text"/>		
Quantity:	<input type="text"/>	Tag no.:	<input type="text"/>

### Operating Conditions

Fluid:	<input type="text"/>		
Density:	0.60g/cm <sup>3</sup>	g/cm <sup>3</sup> :	<input type="text"/>
Viscosity:	m150cSt	cSt:	<input type="text"/>
Operating pressure:	max. 50bar(g) @ 20°C <sup>*1)</sup>	bar(g):	<input type="text"/>
Design pressure:	"	bar(g):	<input type="text"/>
Operating temperature:	-80°C ... +250°C <sup>*1)</sup>	°C:	<input type="text"/>
Design temperature:	"	°C:	<input type="text"/>
Connecting Distance "L":	max. 5600mm (one-piece design)	mm:	<input type="text"/>

### Design and Materials:

Float chamber:	316/316L	Valves:	316L + pure PTFE
Float:	316L (Standard)	type no.:	<b>34333 / 35615 / 33115/xx</b>
	NBR	type no.:	<b>38578/0.6 / 0.8 / 0.9</b>
	NBR	type no.:	<b>41622/1.0</b>

other materials and densities see float selection diagram or on request

Damping spring top and bottom, 1.4310	No.:	30309	<input type="checkbox"/>
Gaskets:	Fibre compound Aramid/NBR (<150°C)	Standard	<input type="checkbox"/>
	pure PTFE non reinforced (<250°C)		<input type="checkbox"/>
	Graphite incl. reinforcing net in ss 316/316L (<400°C)		<input type="checkbox"/>

### Process connections:

<b>EN-connecting flanges acc. EN1092-1 (Standard):</b>	DN15:	<input type="checkbox"/>
- EN1092-1/01 B1/DNxx/PN40/316L	DN20:	<input type="checkbox"/>
- plate flanges, RF, Rz=12,5 δ 50µm, turning	DN25:	<input type="checkbox"/>

### ANSI/class150 (= ISO/PN20) - connecting flanges:

- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1	ANSI 1/2" resp. ISO DN15 :	<input type="checkbox"/>
- plate flanges, RF SF, Rz=12,5 δ 50µm, turning	ANSI 3/4" resp. ISO DN20 :	<input type="checkbox"/>
	ANSI 1" resp. ISO DN25 :	<input type="checkbox"/>

### ANSI/class300 (= ISO/PN50) - connecting flanges:

- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1	ANSI 1/2" resp. ISO DN15 :	<input type="checkbox"/>
- plate flanges, RF SF, Rz=12,5 δ 50µm, turning	ANSI 3/4" resp. ISO DN20 :	<input type="checkbox"/>
	ANSI 1" resp. ISO DN25 :	<input type="checkbox"/>

### Other Connections

<input type="text"/>
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### Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.:	34837	Standard	<input type="checkbox"/>
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.:	41008		<input type="checkbox"/>
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.:	34560		<input type="checkbox"/>
Al/Glass, IP54 (<400°C)	Flaps: black-silver	No.:	37100		<input type="checkbox"/>
316L, IP67 (<250°C)	Flaps: red-silver	No.:	42403		<input type="checkbox"/>
316L, IP67 (<400°C)	Flaps: black-silver	No.:	42404		<input type="checkbox"/>
Special execution	Flaps: <input type="text"/>	No.:	<input type="text"/>		<input type="checkbox"/>

### Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:	Dim. "A" [mm]:	<input type="text"/>
Magnetic switch:	Quantity:	<input type="text"/>
Transmitter:	Resolution [mm]:	<b>5 / 10</b>
Electrical measuring length Mel [mm]:	Type:	<input type="text"/>
Converter:	Type:	<input type="text"/>
Additional accessories:	<input type="text"/>	

### Test Reports and Certificates

EN10204:2004-3.1: main pressure-bearing parts according to PED	<input type="checkbox"/>
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### Special Executions & Additional Notes

<input type="text"/>
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