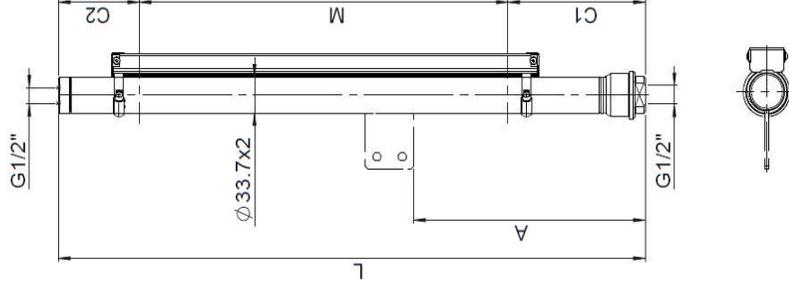


## Smart Line 50

Type: 34000-A

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



### Purchase Order Data:

Company:  Project:   
 Purchase order no.:  Tag no.:   
 Quantity:

### Operating Conditions

Fluid:   
 Density:  $\geq 0,55\text{g/cm}^3$  g/cm<sup>3</sup>  
 Viscosity:  $\leq 150\text{cSt}$  cSt  
 Operating pressure: max. 50bar(g) @ 20°C <sup>\*1</sup> bar(g)  
 Design pressure: " bar(g)  
 Operating temperature: -80°C ... +250°C <sup>\*1</sup> °C  
 Design temperature: " °C  
 Connecting Distance "L": max. 5800mm (one-piece design) mm:

### Design and Materials:

Float chamber: 316/316L  
 Float: 316L (Standard) type no.: **34333 / 35615 / 48150/XX**  
 NBR type no.: **38578/0.6 / 0.8 / 0.9**  
 NBR type no.: **41622/1.0**

other materials and densities see float selection diagram or on request

Damping spring top and bottom, 1,4310 No.: 30309  
 Gaskets: Fibre compound Aramid/NBR (<150°C) Standard  
 pure PTFE non reinforced (<250°C)  
 Graphite incl. reinforcing net in ss 316/316L (<400°C)

### Process connections:

**Connection threads:**  
 - female G1/2" (ISO 7-1 / ISO 228-1), without plug  
 - other connection threads see price list  
 Standard

### Float extension lower / upper:

**Density in g/cm<sup>3</sup>:** C1: C2:  
 SS  $\geq 0,64$  and  $<0,71$  350 85  
 SS  $\geq 0,71$  and  $<0,8$  250 85  
 SS  $\geq 0,8$  and  $<0,96$  180 85  
 SS  $\geq 0,96$  140 85  
 NBR  $\geq 0,55$  100 85

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

### Indication Rail:

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

### Accessories (refer to installation instructions 20010501)

Fixation bracket, moveable no. 45143-1: Dim. "A" [mm]:   
 Magnetic switch: Quantity:  Type:   
 Transmitter: Resolution [mm]: 5 / 10 Type:   
 Electrical measuring length Mel [mm]:   
 Converter: Type:   
 Additional accessories:

### Test Reports and Certificates

EN10204:2004-3.1: main pressure-bearing parts according to PED

### Special Executions &

#### Additional Notes

### 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 2.1.1.2.

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