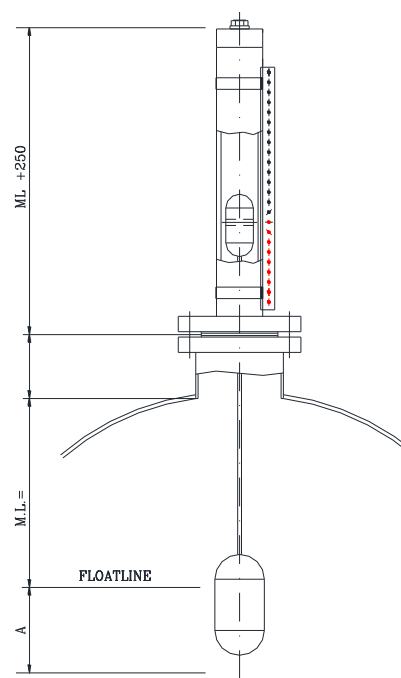


## 3. Pointer F (mounting on top of a vessel)

### 3.1 Without stillingwell

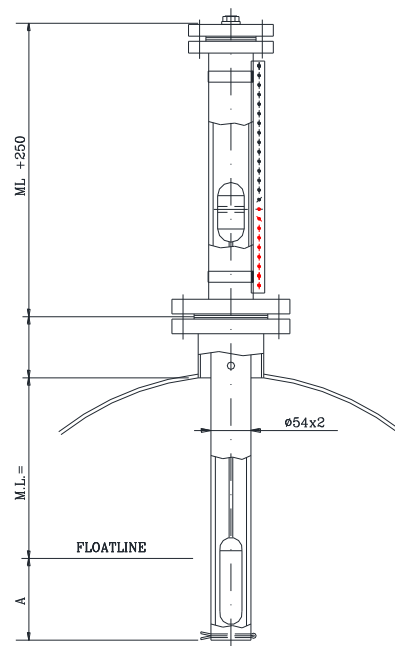
Model	F-00A / F-00B
Material	Stainless steel 316L (1.4404), others on request
Pipe	60.3 x 2 mm (above tank)
Stilling well	Without
Pressure	Max. 60 bar (depending on type)
Temperature	Max. 350 °C
Measuring length	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 50 – DN 150 / PN 40 ANSI 2" – 6" 150# RF ANSI 2" – 6" 300# RF ANSI 2" – 6" 600# RF
Vent	½", ¾" plug BSP or NPT, flange or valve
Float F-00A	Float OD 52 mm From density min. 480 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 1210 kg/m <sup>3</sup> A = 115 mm Density min. 1030 kg/m <sup>3</sup> A = 185 mm Density min. 810 kg/m <sup>3</sup> A = 205 mm Density min. 670 kg/m <sup>3</sup> A = 255 mm
Float F-00B	Float OD 67 or 72 mm From density min. 380 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for floats (OD 72 mm): Density min. 970 kg/m <sup>3</sup> A = 100 mm Density min. 690 kg/m <sup>3</sup> A = 150 mm Density min. 570 kg/m <sup>3</sup> A = 200 mm Density min. 500 kg/m <sup>3</sup> A = 250 mm
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard layout in stainless steel
Certificates	Material EN 10204 3.1 + drawing Pressure test BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1... T6 II 1 D Txx °C KEMA 10 ATEX0199 X



**Pointer F-00**

## 3.2 With stilling well pipe Ø 54 or 60.3

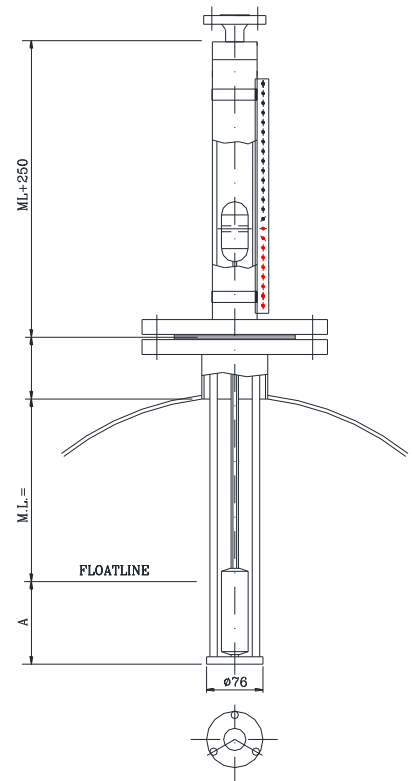
Model	F-01 / F-01A
Material	Stainless steel 316L (1.4404), others on request
Pipe	60.3 x 2 mm (above tank)
Stilling well	pipe 54 or 60.3
Pressure	Max. 60 bar (depending on type)
Temperature	Max. 350 °C
Measuring length	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 50 – DN 150 / PN 40 ANSI 2" – 6" 150# RF ANSI 2" – 6" 300# RF ANSI 2" – 6" 600# RF
Vent	½", ¾" plug BSP or NPT, flange or valve
Float F-01	Stilling well pipe OD 60.3, float OD 52 From density min. 480 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 1160 kg/m <sup>3</sup> A = 150 mm Density min. 1030 kg/m <sup>3</sup> A = 185 mm Density min. 810 kg/m <sup>3</sup> A = 205 mm Density min. 670 kg/m <sup>3</sup> A = 255 mm
Float F-01A	Stilling well pipe OD 54, float OD 47 From density min. 600 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 1050 kg/m <sup>3</sup> A = 150 mm Density min. 910 kg/m <sup>3</sup> A = 200 mm Density min. 800 kg/m <sup>3</sup> A = 250 mm Density min. 730 kg/m <sup>3</sup> A = 300 mm
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard layout in stainless steel
Certificates	Material EN 10204 3.1 + drawing Pressure test BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1... T6 II 1 D Txx °C KEMA 10 ATEX0199 X



**Pointer F-01A**

### 3.3 With 3- rods $\varnothing$ 76 or $\varnothing$ 104

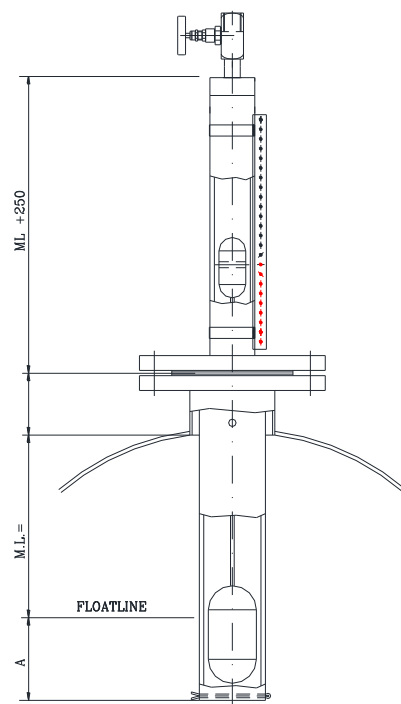
Model	F-02 / F-04
Material	Stainless steel 316L (1.4404), others on request
Pipe	60.3 x 2 mm (above tank)
Stilling well	3- rods $\varnothing$ 76 or $\varnothing$ 104
Pressure	Max. 60 bar (depending on type)
Temperature	Max. 350 °C
Measuring length	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 80 – DN 150 / PN 40 ANSI 3" – 6" 150# RF ANSI 3" – 6" 300# RF ANSI 3" – 6" 600# RF
Vent	$\frac{1}{2}$ ", $\frac{3}{4}$ " plug BSP or NPT, flange or valve
Float F-02	3- rods $\varnothing$ 76, float OD 52 mm From density min. 480 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 1160 kg/m <sup>3</sup> A = 150 mm Density min. 1030 kg/m <sup>3</sup> A = 185 mm Density min. 810 kg/m <sup>3</sup> A = 205 mm Density min. 670 kg/m <sup>3</sup> A = 255 mm
Float F-04	3- rods $\varnothing$ 104, float OD 72mm From density min. 380 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 970 kg/m <sup>3</sup> A = 100 mm Density min. 690 kg/m <sup>3</sup> A = 150 mm Density min. 570 kg/m <sup>3</sup> A = 200 mm Density min. 500 kg/m <sup>3</sup> A = 250 mm
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard layout in stainless steel
Certificates	Material EN 10204 3.1 + drawing Pressure test BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material ☉ II 1/2G c IIC T1... T6 II 1 D Txx °C KEMA 10 ATEX0199 X



**Pointer F-02**

### 3.4 With stilling well pipe Ø 76.1 or 88.9

Model	F-03A / F-03B
Material	Stainless steel 316L (1.4404), others on request
Pipe	60.3 x 2 mm (above tank)
Stilling well	Pipe 76.1 or 88.9
Pressure	Max. 20 bar (depending on type)
Temperature	Max. 350 °C
Measuring length	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 80 – DN 150 / PN 40 ANSI 3" – 6" 150# RF ANSI 3" – 6" 300# RF ANSI 3" – 6" 600# RF
Vent	½", ¾" plug BSP or NPT, flange or valve
Float F-03A	Pipe 76.1, float OD 67 mm From density min. 470 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 1050 kg/m <sup>3</sup> A = 100 mm Density min. 760 kg/m <sup>3</sup> A = 150 mm Density min. 630 kg/m <sup>3</sup> A = 200 mm Density min. 560 kg/m <sup>3</sup> A = 250 mm
Float F-03B	Pipe 88.9, float OD 72 From density min. 380 kg/m <sup>3</sup> Density depending on measuring length, by measuring length 1000 mm for std. floats: Density min. 970 kg/m <sup>3</sup> A = 100 mm Density min. 690 kg/m <sup>3</sup> A = 150 mm Density min. 570 kg/m <sup>3</sup> A = 200 mm Density min. 500 kg/m <sup>3</sup> A = 250 mm
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard layout in stainless steel
Certificates	Material EN 10204 3.1 + drawing Pressure test BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material ☑ II 1/2G c IIC T1... T6 II 1 D Txx °C KEMA 10 ATEX0199 X



**Pointer F-03**