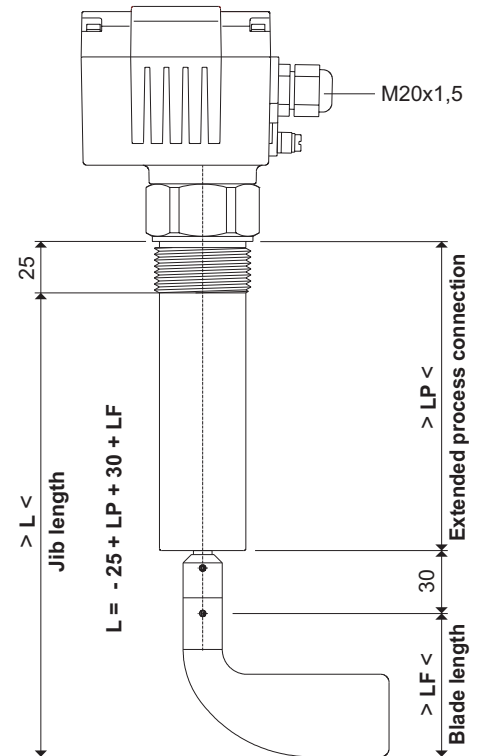
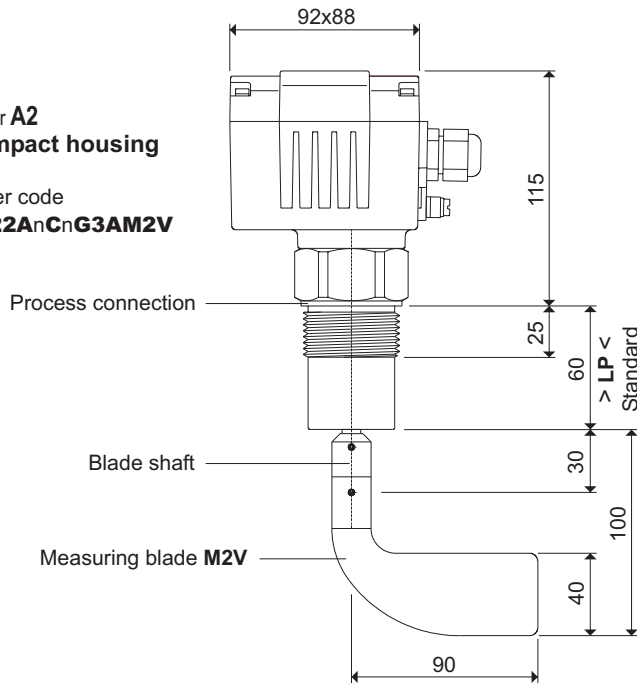


Full, empty and demand indicator
for any mounting position
with extended process connection

Signal contact	2 A / 250V AC potential-free
Type of protection	IP 66 in accordance with DIN EN 60529
Maintenance	none

A1 or A2
Compact housing

Order code
DF22AnCnG3AM2V



You will find further technical details
under appliance information **DF-GI-..**

Rotary blade level indicators

Level limit switches for bulk goods

DF22

2 housing versions to choice

Choice of options

Certifications, certificates, approvals

- B0** Standard and ATEX II 3/3D T80°C IP66 **Dust**
- B1** ATEX II 1/2D T80°C IP66 **Dust**
- B2** ATEX II 1D T70°C IP66 **Dust** ^{D2)}
- B3** ATEX II 1/3D T80°C IP66 **Dust**
- B9** Further approvals on request

Supply voltage

- C1** 220...240V AC (50...60Hz)
- C2** 110...120V AC (50...60Hz)
- C3** 48V AC (50...60Hz)
- C4** 24V AC (50...60Hz)
- C5** 24V DC
- C9** Special voltages on request

Self-monitoring

- D0** Without monitoring
- D1** Function monitoring
- D2** Voltage monitoring

Signal lamps¹⁾

- H0** Standard = with function LEDs
- H1** Collar for function LEDs
- H2** Signal lamp, LED green
- H8** Large signal lamp, LED green

Bulk goods temperature

- E0** Standard = -25°C...+80°C ²⁾
- E7** Appliance heating 2,5 Watt ¹⁾
- E9** High temperature ..on request

Container pressure

- P0** Standard = -0,5...5 bar ³⁾
- P1** -0.5 bar...10 bar
- P6** -0.9 bar...10 bar

Process connection

- G1** Thread **G1"** DIN/ISO 228..... **X** **X**
- G2** Thread **G1¼"** DIN/ISO 228..... **X** **X**
- G3** Thread **G1½"** DIN/ISO 228..... **X** **X**
- G9** Other threads on request
- F1** Flange **F70** Ø110, 4xØ9/Ø90..... **X** **X**
- F2** Flange **F100** 150x150, 4xØ18/Ø170..... **X** **X**
- F5** Flange DN32 PN 10..... **X** **X**
- F6** Flange DN100 PN 6..... **X** **X**
- F9** Other flanges on request

Material of process connection

- A** Aluminium
- E** Stainless steel
- X** Other materials on request

Measuring blade

- M0** Without measuring blade.....
- S2** Socket blade 120x30 inclined.. **X** **X**
- M1** Socket blade 90x28..... **X** **X**
- M2** Socket blade 90x40..... **X** **X**
- T1** Blade T50 98x50..... **X** **X**
- T2** Blade T100 98x100..... **X** **X**
- T8** Rubber blade¹⁾ 250x100..... **X**
- X1** Blade X50 98x50..... **X**
- X2** Blade X100 98x100..... **X**
- X3** Blade X200 180x100..... **X**
- K1** Hinged blade T230 200x30..... **X**
- M9** Other measuring blades on request

Blade reinforcement

- Without reinforcement
- V** With reinforcement

Jib length

- Standard length LP = 60 mm (LP000 not applicable)
- LP** Process connection length
- 1 0 0**
- 1 5 0**
- 2 0 0**

Standard with

- R0** NBR sealing ring, black

Options only for special applications:

- R1** Sealing ring in Viton/Teflon/VA ..
- R2** Sealing ring in NBR, white FDA ...
- R5** Sealing ring in Teflon
- R9** Other sealing rings .. on request
- Rn** add as suffix to selected connection e.g. **G2ER5**

- Z** Bearing in stainless steel
- add as suffix to selected connection e.g. **G2EZ**

Measuring blade passes through tight hole of:

- G2, G3, G4 and all flanges
- G1
- G3, G4 and all flanges
- F2, F6, F7
- F2, F6, F7
- F2, F6, F7
- F2, F6, F7
- G2, G3, G4 and all flanges

All larger dimensioned blades **cannot** be inserted through the tight holes and must be mounted from the inside.

Supplies

- DF-SH** Weather protection hood in PVC, RAL 7001 ...
Certificated only for zone 22 and in non-hazardous areas
- DF-SM1** Hexagonal nut **G1"**
- DF-SM2** Hexagonal nut **G1¼"**
- DF-SM3** Hexagonal nut **G1½"**
- DF-SM5** Hexagonal nut M30x1,5
- DF-SM6** Hexagonal nut M32x1,5

Material of nuts

- A** Aluminium
- E** Stainless steel

- DF-KV1** Second cable union for standard version ...
- DF-KV2** Second cable union for for ATEX version ...

- D2)** delivery only together with **D2** or **D1**
- 1)** **not** available together with **B1** and **B2**
- 2)** max. bulk goods temperature at **B2** = -20°C...+45°C
- 3)** container pressure at **B1**, **B2** and **B3** = -0.08bar...+0.08bar (-80...+80mbar)

CE All devices are certified.

B0, D0, H0, E0, P0, R0 and **M0** are **not needed** for order code

- Housing selection
- A1** Compact aluminium housing Standard and ATEX II 3/3D T80°C IP66 **Dust**
 - A2** Stainless steel compact housing ... Standard and ATEX II 3/3D T80°C IP66 **Dust**

A2
A1

DF22 ← Order code