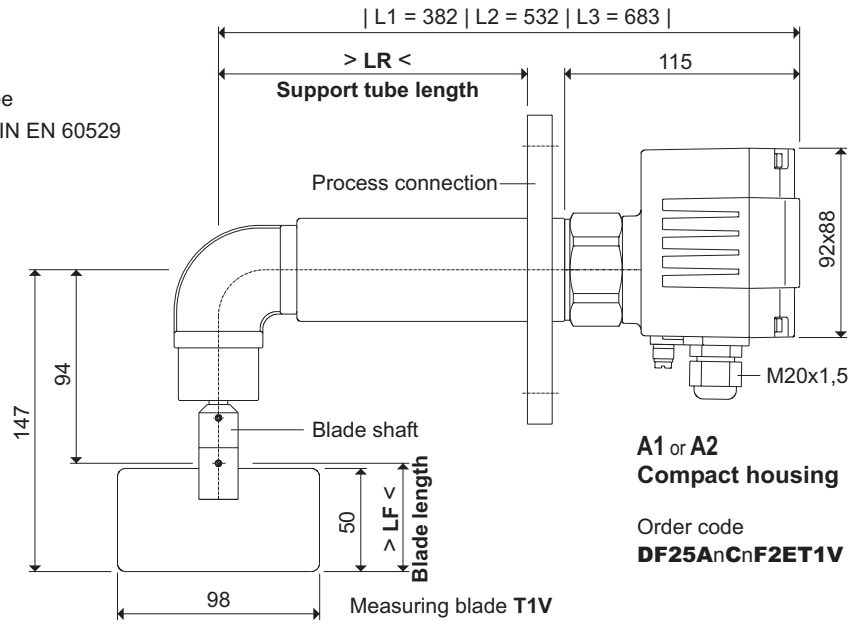
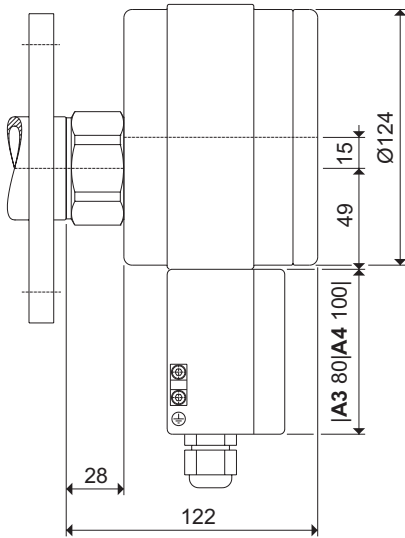


**Full, empty and demand indicator**  
for horizontal mounting  
with angled jib

**Signal contact** 2 A / 250V AC potential-free  
**Type of protection** IP66 in accordance with DIN EN 60529  
**Maintenance** none

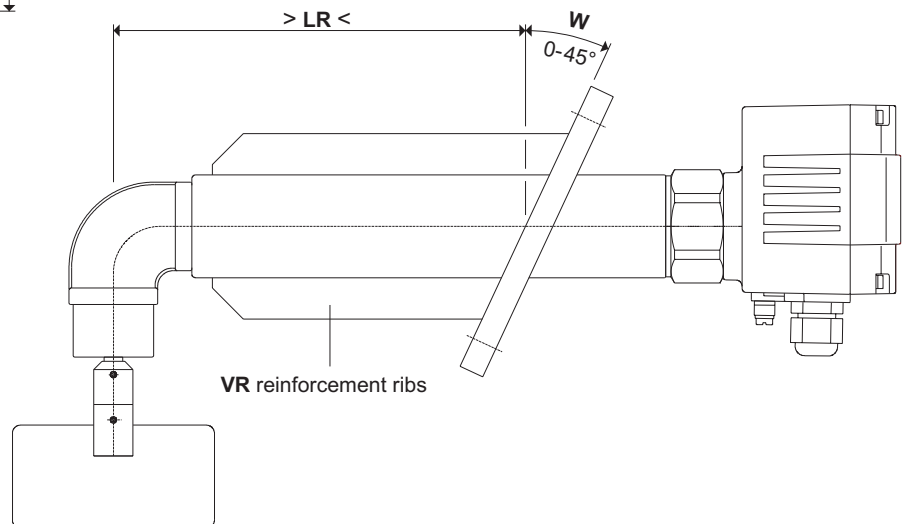
**A3 or A4**  
**Round housing**

Order code  
**DF25AnCnF2E ...**

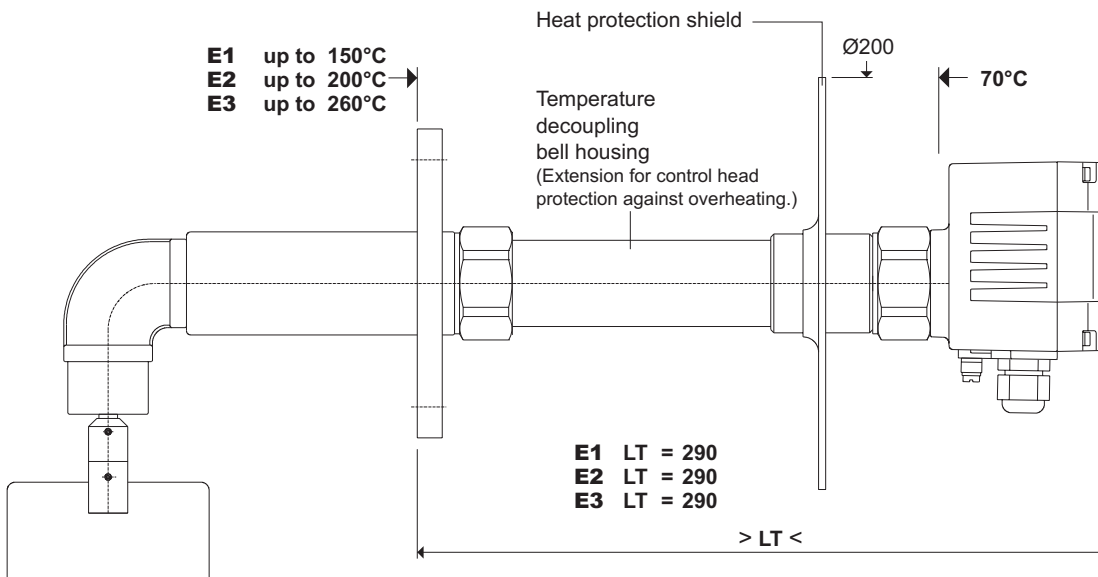


**A1 or A2**  
**Compact housing**

Order code  
**DF25AnCnF2ET1V**



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



# Rotary blade level indicators

Level limit switches for bulk goods

# DF25

4 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** <sup>D2)</sup>.....
- 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 lamps<sup>1)</sup>

- 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 <sup>2)</sup>.....
- E1** -25°C...+150°C .....
- E2** -25°C...+200°C .....
- E3** -25°C...+260°C .....
- E7** Appliance heating 2,5 Watt <sup>1)</sup> ...
- E9** High temperature ..on request

#### Container pressure

- P0** Standard = -0,5...5 bar <sup>3)</sup>..
- P1** -0.5 bar...10 bar .....
- P2** -0.1 bar...10 bar <sup>4)</sup>.....
- P5** -0.9 bar...1 bar <sup>4)</sup>.....
- P6** -0.9 bar...10 bar .....
- P7** -0.9 bar...10 bar <sup>4)</sup>.....

#### Process connection

- F2** Flange **F100** 150x150, 4xØ18/Ø170 .....
- F6** Flange DN100 PN 6 .....
- F9** Other flanges ..... on request

#### Material of process connection

- E** Stainless steel .....

#### Measuring blade

- M0** Without measuring blade.....
- S2** Socket blade 120x30 inclined .. **X** **X**
- M2** Socket blade 90x40..... **X**
- T1** Blade T50 98x50..... **X** **X**
- TG** Blade TG 98x8..... **X**
- M9** Other measuring blades.... on request

#### Blade reinforcement

- Without reinforcement .....
- V** With reinforcement .....

#### Jib length

**LR** Support tube length, in stainless steel

- 1 5 0** mm .....
- 2 0 0** mm .....
- 2 5 0** mm .....
- 3 0 0** mm .....
- 4 0 0** mm .....
- 5 0 0** mm .....

Standard angle **W** = 0° for flange/support tube (W00 not applicable)

- W** Welding flange to jib .....
- 0 0** enter required angle up to max. 45°

#### Reinforcement ribs

- VR** Welding reinforcement ribs .....

- R0** Sealing ring in NBR, black .....
- suitable for the majority of bulk goods
- Options** only for special applications:
- R1** Sealing ring in Viton/Teflon/VA ..
- R2** Sealing ring in NBR, white FDA ..
- R5** Sealing ring in Teflon .....
- Rn** add as suffix to selected connection e.g. **F2ER2**

#### Measuring blade passes through tight hole of:

- F2, F6, F7
- F2, F6, F7
- F2, F6, F7
- F2, F6, F7

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

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

- D2)** delivery only together with **D2** or **D1**
- 1)** **not** available together with **B1, B2, A3** and **A4**
- 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)
- 4)** with pressure decoupling bell housing **DF-P2, -P5** and **-P7**
- !!!** usage for differences in pressure with **B1, B3, A3** and **A4** **!!!**



- Housing selection**
- A1** Compact aluminium housing .....
  - A2** Stainless steel compact housing ..
  - A3** Aluminium round housing .....
  - A4** Stainless steel round housing .....

DF25

Order code