

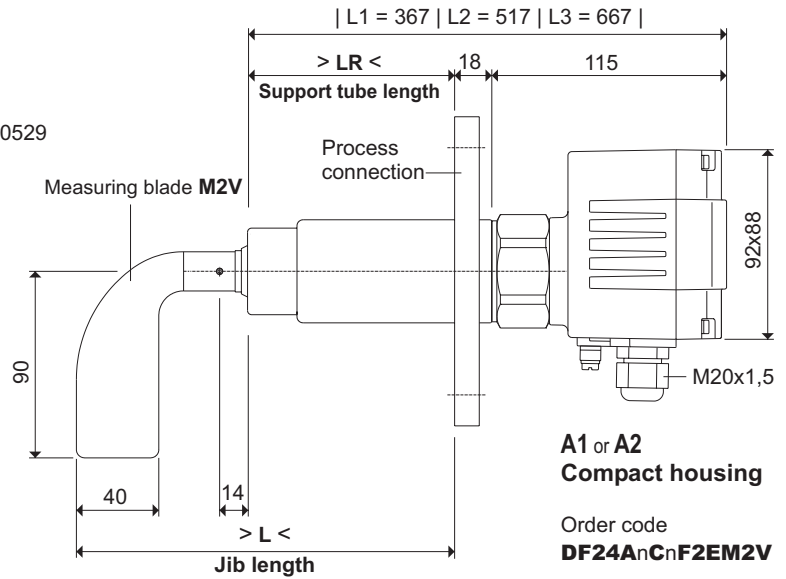
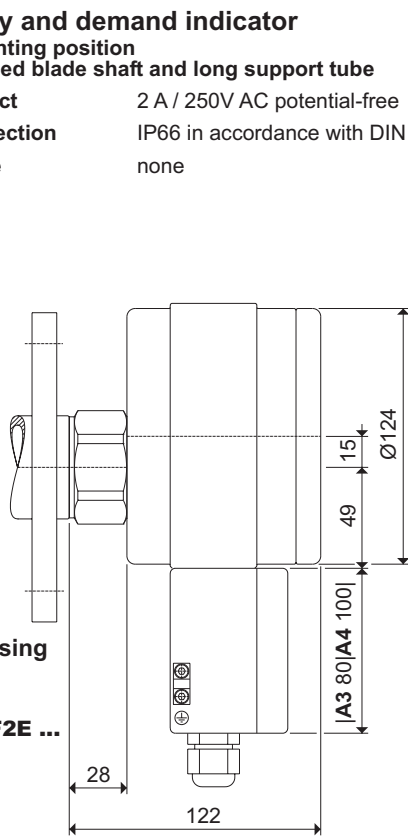
Full, empty and demand indicator

for any mounting position
with reinforced blade shaft and long support tube

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**

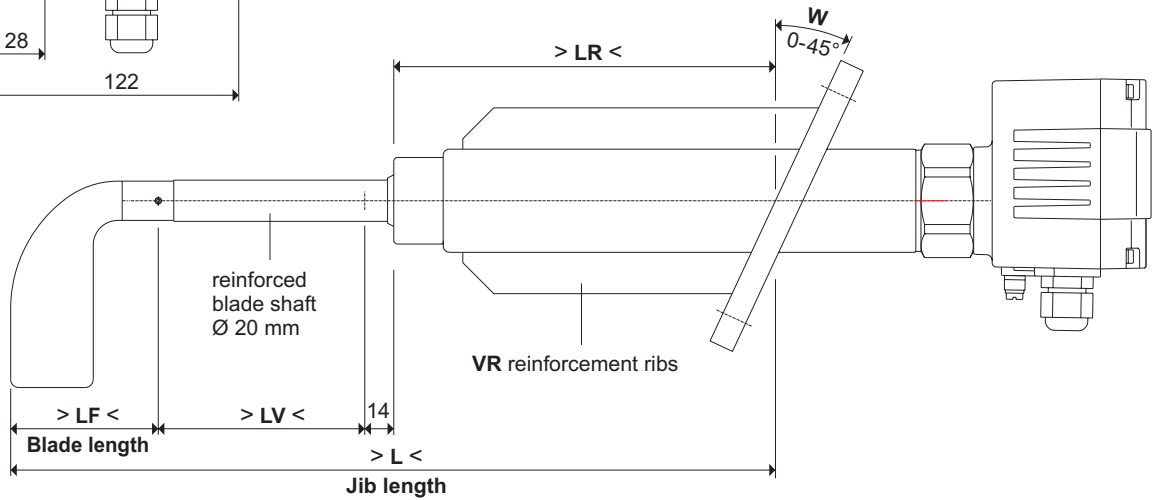
Order code
DF24AnCnF2E ...



**A1 or A2
Compact housing**

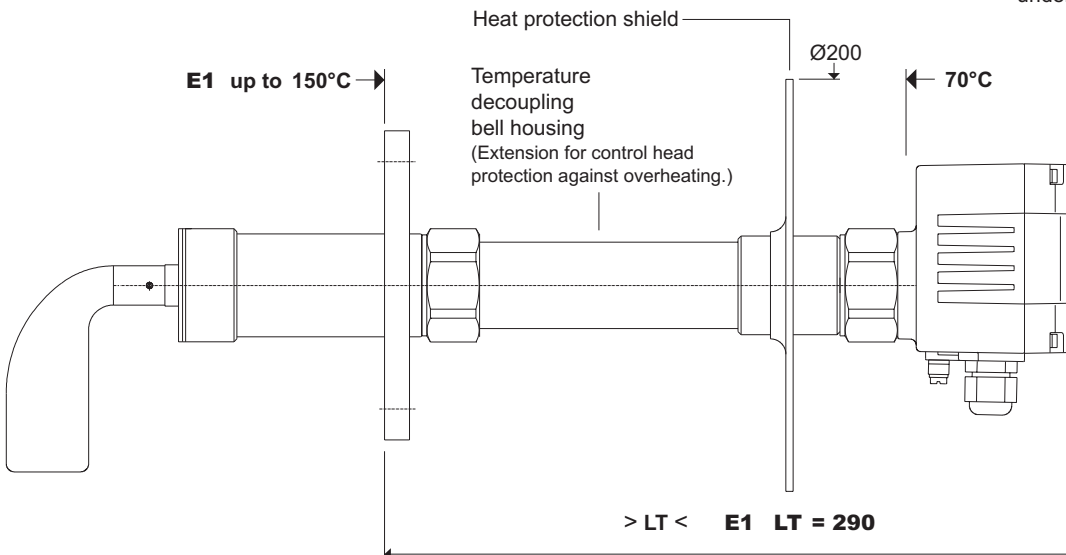
Order code
DF24AnCnF2EM2V

$L = LF + 14 + LR$
Standard shaft length = $LF + 14$



$L = LF + LV + 14 + LR$

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



Rotary blade level indicators

Level limit switches for bulk goods

DF24

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** ^{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⁾
- E1** -25°C...+150°C
- E7** Appliance heating 2,5 Watt ¹⁾

Container pressure

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

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
- T1** Blade T50 98x50
- SG** Blade SG 126x8
- 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 Standard
- 2 0 0** mm
- 2 5 0** mm
- 3 0 0** mm
- 4 0 0** mm
- 5 0 0** mm

Standard shaft length (LV000 not applicable)

LV Shaft extension, reinforced every 100 mm

0 0 0 enter required length up to max. 1000 mm in 100 mm steps

Standard angle **W** = 0° for flange/support tube
W Welding flange to jib

0 0 enter required angle up to max. 45°

Reinforcement ribs

- VR** Welding reinforcement ribs

- ^{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 **!!!**



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

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

DF24 ← Order code