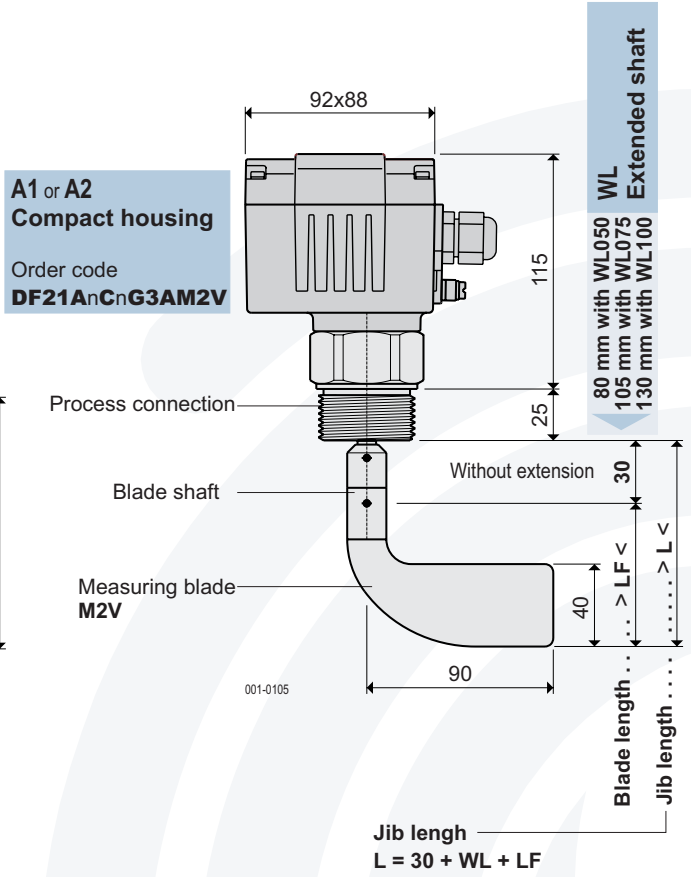
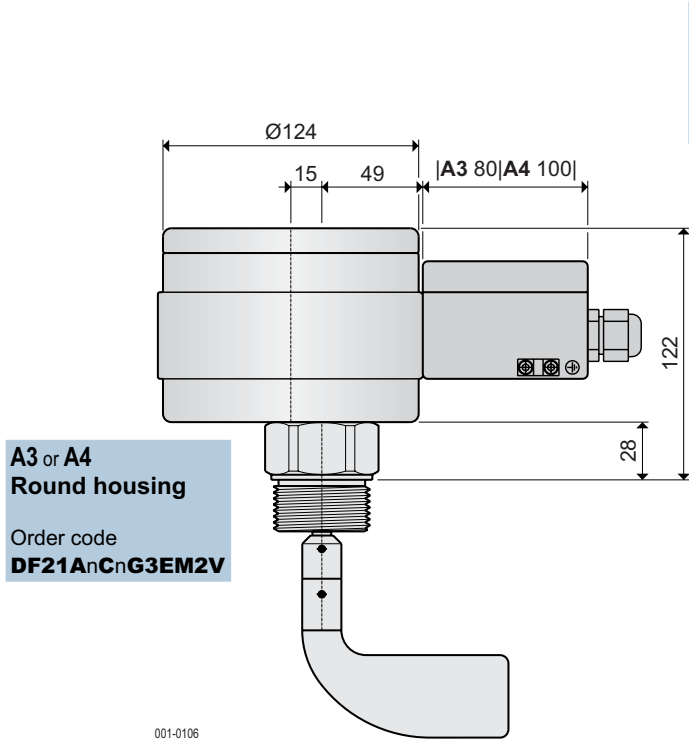


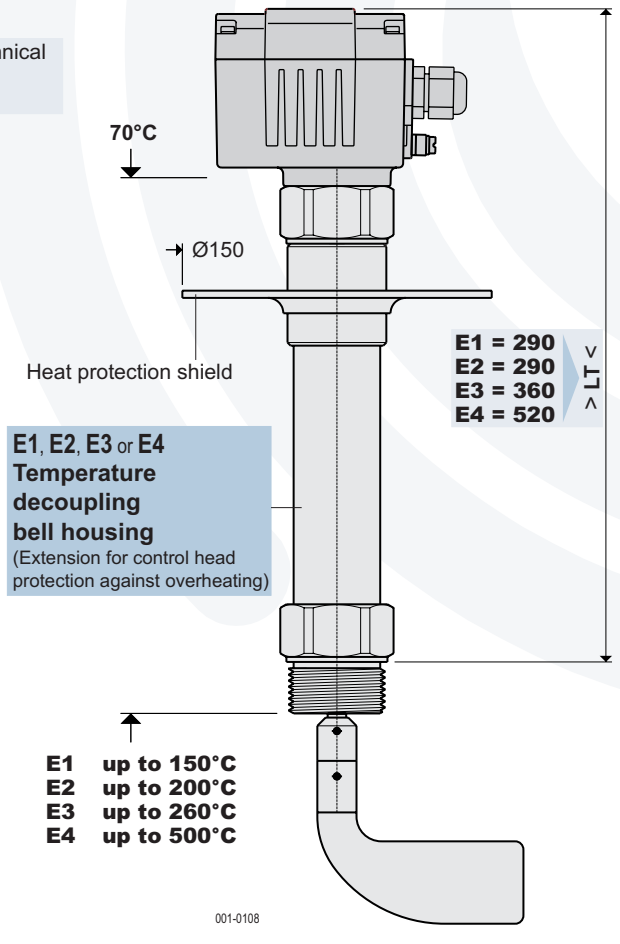
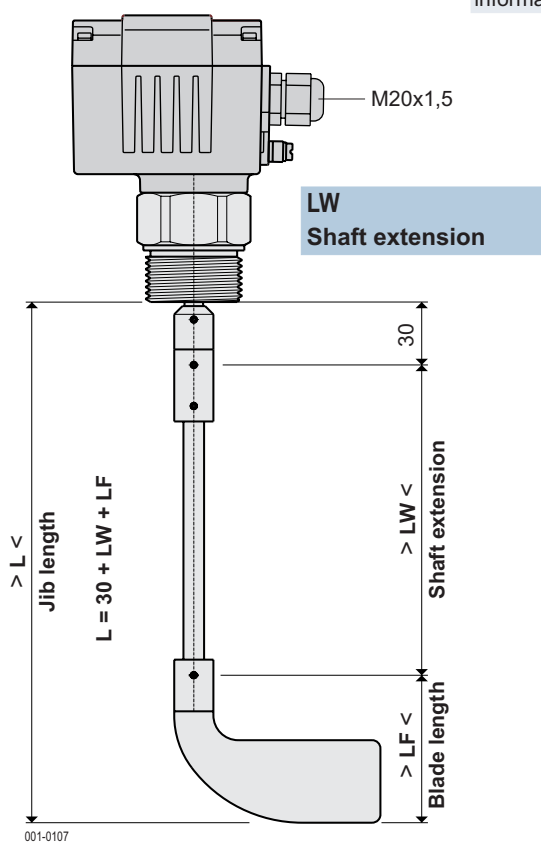
Full, empty and demand indicator for any mounting position, large range of applications

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

4



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



4 housing versions to choice

- Housing selection**
- A1 Standard Compact aluminium housing
 - A2 Stainless steel compact housing
 - A3 Aluminium round housing
 - A4 Stainless steel round housing
- CE conform and ATEX Dust CE conform and ATEX Dust
ATEX II 2G Ex db IIC T6 ATEX II 2G Ex db IIC T6
ATEX II 2G Ex db IIC T6 ATEX II 2G Ex db IIC T6

Choice of options with

- Certifications, certificates, approvals**
- B0 **Standard** = CE conform and IP66
 - B1 ATEX II 1/2D Ex ta/tb IIIC T80°C Dust
 - B2 ATEX II 1D Ex ta IIIC T70°C Dust D2)
 - B3 ATEX II 1/3D Ex ta/tc IIIB T80°C Dust 1)
 - B9 Further approvals on request

- Supply voltage / Supply**
- 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
 - C6 12V DC
 - C7 48V DC
 - C9 Special voltages on request

- Self-monitoring**
- D0 **Standard** = 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/T_(process)**
- E0 **Standard** = -25°C...+80°C 2) ..
 - E1 -40°C...+150°C only with R1
 - E2 -25°C...+200°C only with R5
 - E3 -25°C...+260°C only with R5
 - E4 -25°C...+500°C only with R8
 - E7 Device heating 2.5 Watt
 - E9 ...+1000°C 1) on request

- Container pressure / p_(process)**
- P0 **Standard** = -0.5...5 bar 3)
 - P1 -0.5 bar...10 bar
 - P2 -0.95 bar...25 bar 4)
 - P6 -0.9 bar...10 bar
 - P7 -0.9 bar...10 bar 5)

- Process connection**
- G1 Thread G1 DIN/ISO 228
 - G2 Thread G1¼ DIN/ISO 228
 - G3 Thread G1½ DIN/ISO 228
 - G5 Thread M30x1.5
 - G6 Thread M32x1.5
 - G9 Other threads on request
 - F1 Flange F70 Ø110, 4xØ9/Ø90
 - F2 Flange F100 150x150, 4xØ18/Ø170
 - F5 Flange DN32 PN 10
 - F6 Flange DN100 PN 6

- Material of process connection**
- A Aluminium
 - E Stainless steel 1.4301 / 304
 - X Other materials on request

- Measuring blade**
- M0 **without measuring blade**
 - S2 Socket blade 130x30 inclined
 - M1 Socket blade 90x28
 - M2 Socket blade 90x40
 - T1 Blade T50 98x50
 - T2 Blade T100 98x100
 - T8 Rubber blade¹⁾ 250x100
 - X1 Blade X50 98x50
 - X2 Blade X100 98x100
 - X3 Blade X200 180x100
 - K1 Hinged blade T230 200x30
 - M9 Other measuring blades ... on request

- Blade reinforcement**
- without reinforcement
 - V with reinforcement

- Jib extension**
- Standard** = without extension (LW000 or WL000 not applicable)
 - WL Extended shaft WL050, WL075 or WL100
 - LW Shaft extension
 - 0 0 0 enter required length in mm, last digit always 0

Accessories

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

- Material of nuts**
- A Aluminium
 - E Stainless steel 1.4301 / 304

- KV1 2. Standard cable gland
- KV2 2. Ex cable gland

Delivery from Stock

ordered until 12⁰⁰ - dispatched at 16⁰⁰

- 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 area separating element DF-P2 (gas-tight and leakproof)
- 5) with pressure decoupling bell housing DF-P7 (pressure separating)
- 5) !!! usage for differences in pressure within ATEX areas !!!

€ Prices on request



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

- R0 **Standard** with NBR seal ring, black suitable for the majority of bulk goods
- Options** only for special applications:
- R1 Seal ring in PTFE/ Viton
- R2 Seal ring in NBR, white FDA
- R5 Seal ring in PTFE, white FDA
- R8 Seal ring in Graphit only with E4 ..
- Rn add as suffix to selected connection e.g. G2ER2

- Z Bearing in stainless steel not with E4 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 **can not** be inserted through the tight holes and must be mounted from the inside.

DF21 0 ← Order code