

Full, empty and demand indicator

for vertical mounting
with pendulum shaft

Signal contact

2 A / 250V AC potential-free

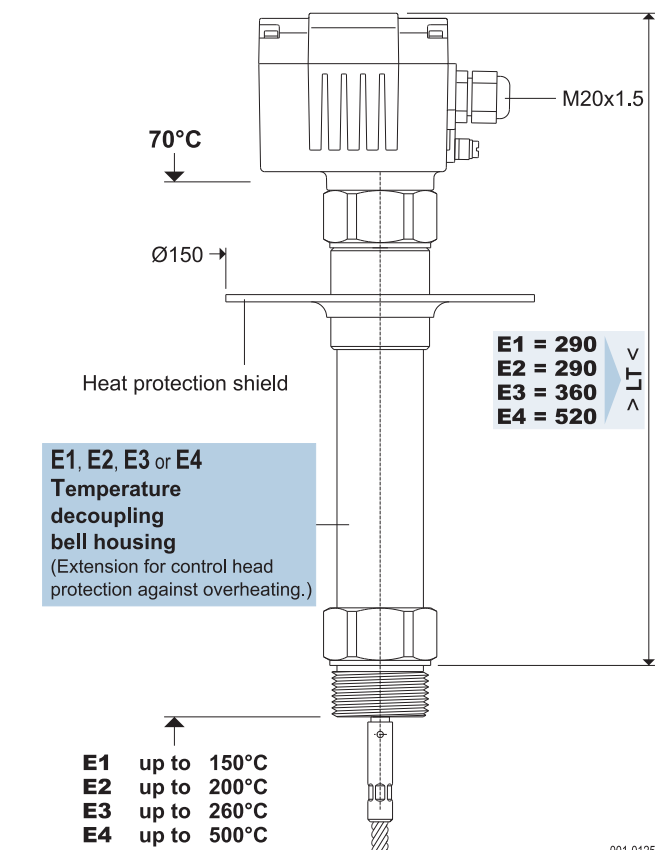
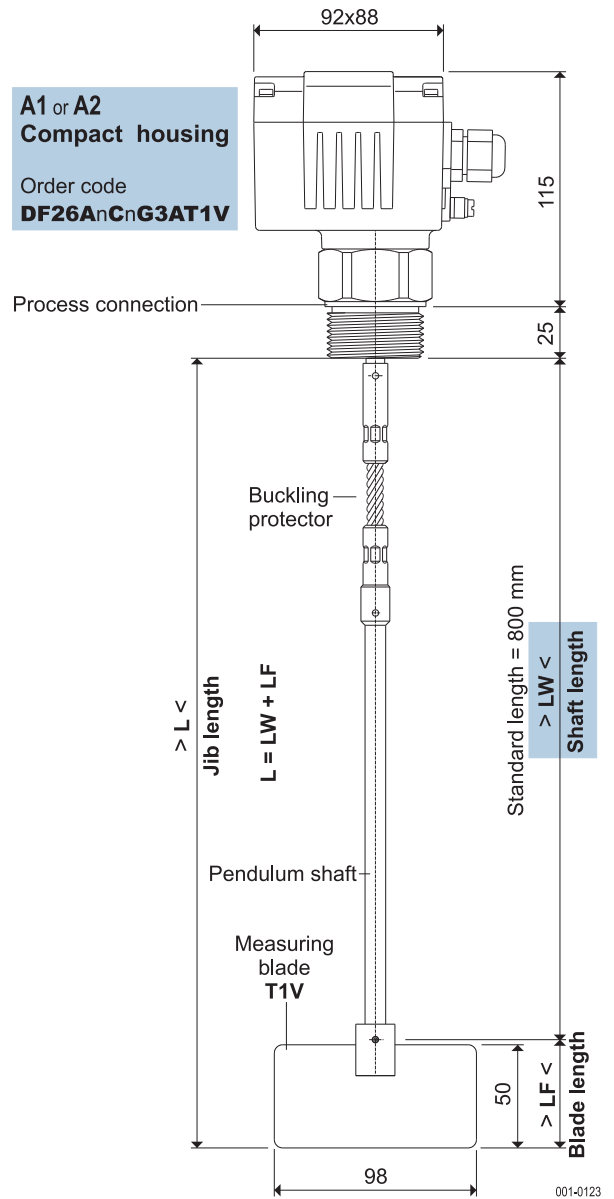
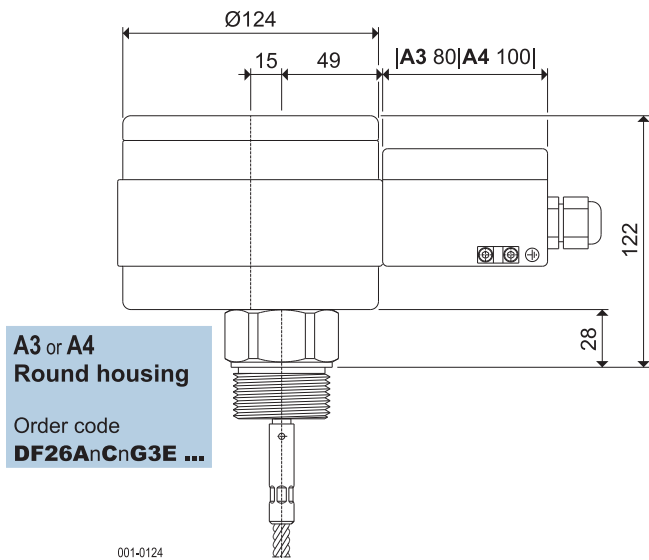
Type of protection

IP66 in accordance with DIN EN 60529

Maintenance

none

3



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

4 housing versions to choice

Housing selection

A1 Standard Compact aluminium housing ... CE conform and ATEX Dust

A2 Stainless steel compact housing ... CE conform and ATEX Dust

A3 Aluminium round housing ... ATEX II 2G Ex db eb IIC T6

A4 Stainless steel round housing ... ATEX II 2G Ex db eb IIC T6

Choice of options

Certifications, certificates, approvals

- B0 Standard = CE conform and IP66
- B1 ATEX II 1/2D Ex ta/tb IIC T80°C Dust
- B2 ATEX II 1D Ex ta IIC T70°C Dust ^{D2)}
- B3 ATEX II 1/3D Ex ta/tc IIB 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 with R1 or R5
- E2 -25°C...+200°C with R1 or R5
- E3 -25°C...+260°C with R1 or R5
- E4 -25°C...+500°C with R1 or R5
- E7 Appliance 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

- 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
- F9 Other flanges on request

Material of process connection

- A Aluminium
- E Stainless steel 1.4301 / 304
- X Other materials on request

Measuring blade

- M0 without measuring blade
- T0 Blade T220 68x220 X X
- T1 Blade T50 98x50 X X
- T2 Blade T100 98x100 X X
- T5 Blade T250 250x100 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 LW = 800 mm

LW Shaft length

0 0 0 0

enter required length in mm, last digit always 0
min. 250 mm, max. 1500 mm

Measuring blade passes through tight hole of:

F1, F2, F6, F7 only for vertical mounting
F2, F6, F7
F2, F6, F7

F2, F6, F7
F2, F6, F7

G2, G3 and all other flanges

All larger dimensioned blades can not
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-SM2	Hexagonal nut G1¼	X	X
DF-SM3	Hexagonal nut G1½	X	X

Material of nuts

- A Aluminium
- E Stainless steel 1.4301 / 304

DF-KV1 Second cable union for standard version

DF-KV2 Second cable union for ATEX version

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 **!!!**

€ Price 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

R9 Other seal rings on request

Rn add as suffix to selected connection e.g. G2ER2

Z Bearing in stainless steel

add as suffix to selected connection e.g. G3EZ

DF26 0 Order code