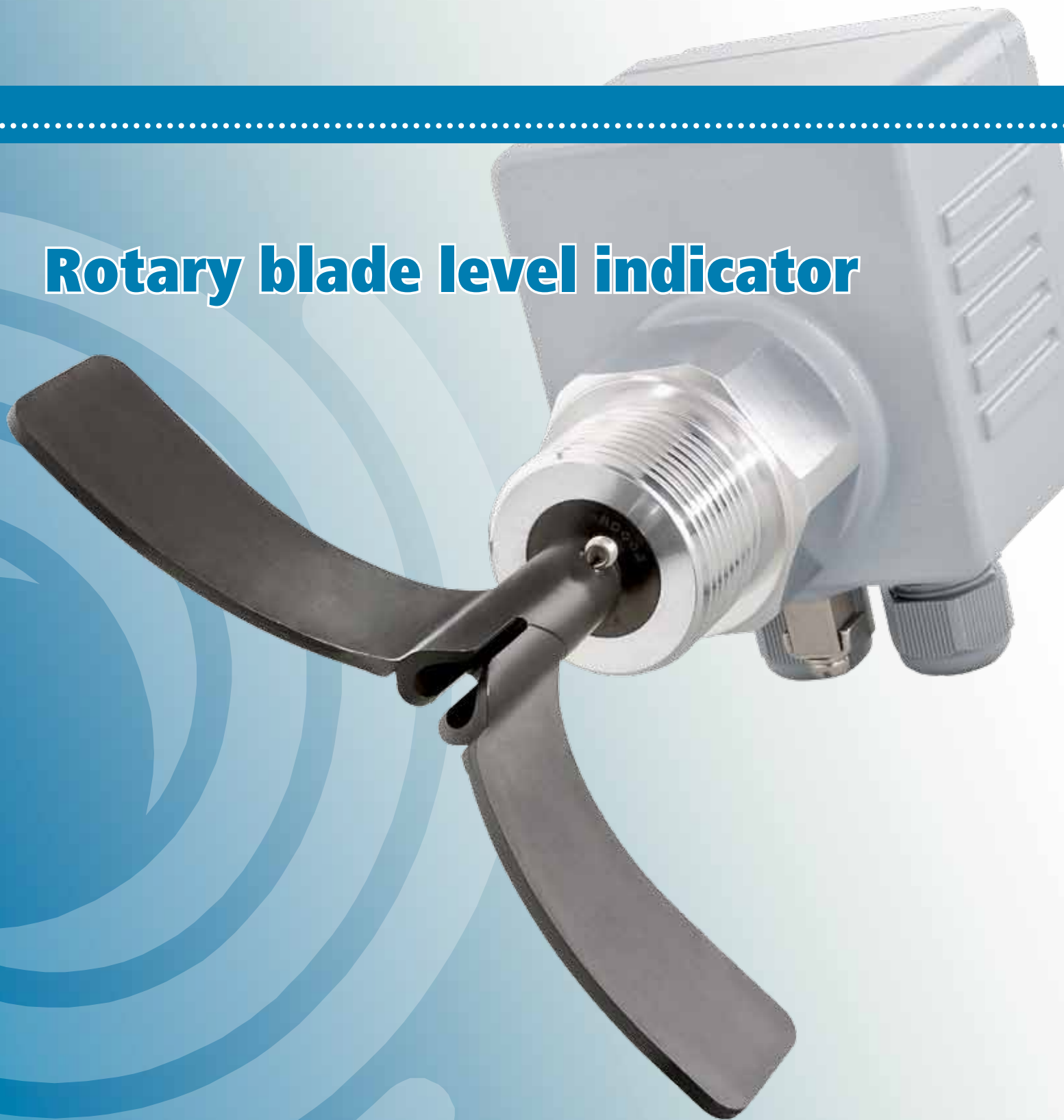


Rotary blade level indicator



DF11

Rotary blade level indicator

DF11

- ▶ for any mounting position



- ▶ for vertical mounting position



The reliable and maintenance free level limit switch for bulk goods DF11 can be used as full, empty and demand indicator for simple applications. These limit switches are observing the filling level in silos, containers, weighers, discharge pipes etc. and are excellently qualified for use in dusty, powdery, granulated as well as in granular bulk materials.

The DF11 rotary blade level indicator is qualified for use in potentially explosive dust atmosphere.

Technical Data

Materials

- ▶ housing aluminium RAL 7001
- ▶ shaft stainless steel
- ▶ measuring blades plastic, optional stainless steel

Supply voltages

220 ... 240 V, 110 ... 120 V, 48 V, 24 V AC and 24 V DC

Signal contact, potential free as standard

1 mA 4 V up to 2 A 240 V AC gold contacts

Ambient temperature

-20 °C ≤ Ta ≤ +70 °C

Bulk temperature

-25 °C ≤ Ta ≤ +80 °C

Pressure ranges

-0,5 bar ... 1 bar

Type of protection

IP66

Sensitivity

adjustable, depending on the bulk goods characteristics

Process connections in aluminium with thread

G1", G1¼", G1½", M30, M32

Shaft bearing

encapsulated ball-bearing

Shaft Sealing

additional shaft sealing ring

Jib-prolongations

- ▶ fixed shaft 450 mm
- ▶ pendulum-shaft 500 mm, 1000 mm
- ▶ rope-shaft 2000 mm

ATEX-Options

Ex types of protection

- ⚠ II 1/2D Ex ta/tb IIIC T80°C
- ⚠ II 1/3D Ex ta/tc IIIB T80°C