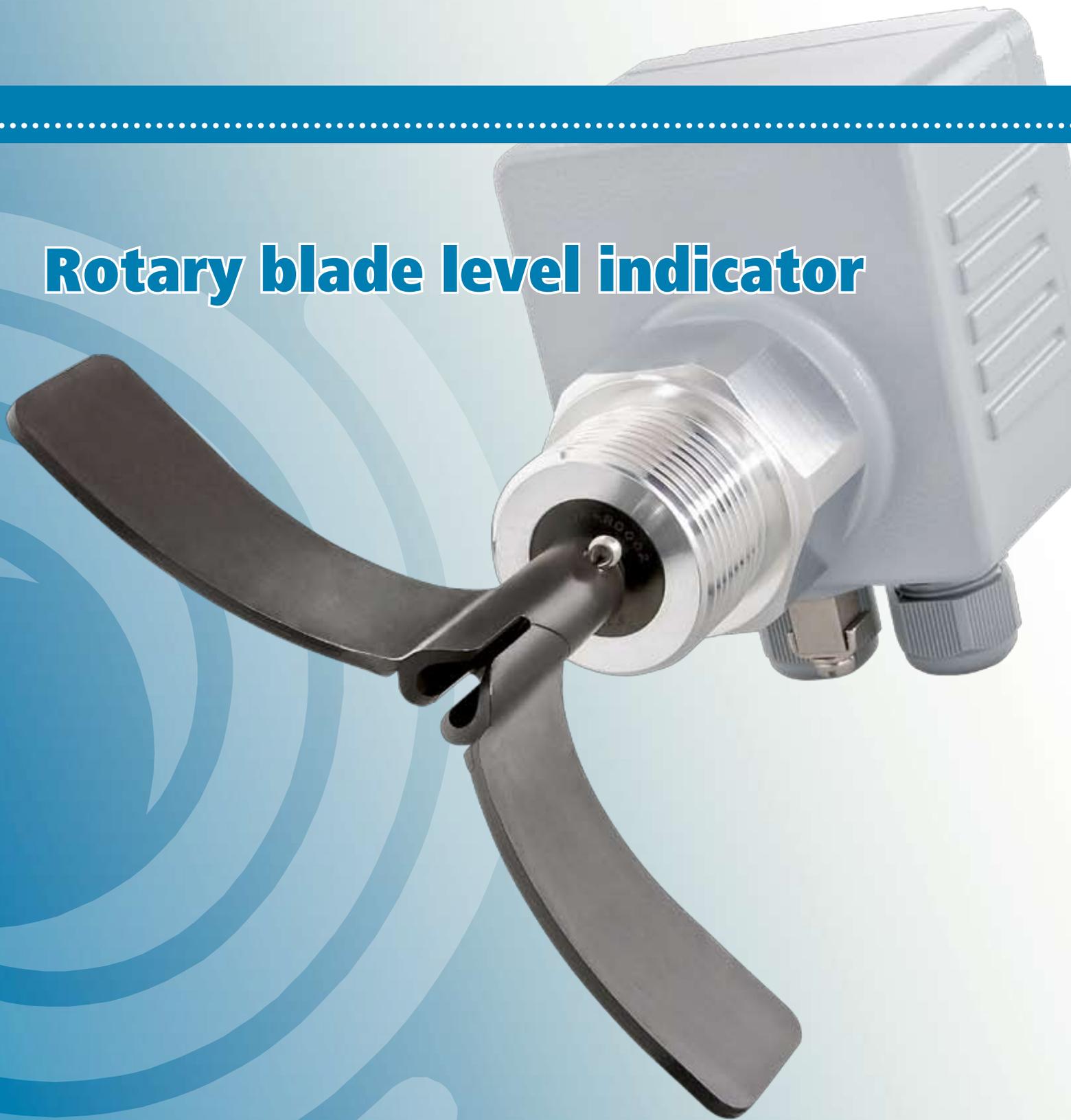


# Rotary blade level indicator



# 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 T 80 °C IP66
- ▶ II 1/3D T 80 °C IP66