

Rotating Level Indicators

阻旋式料位指示器

Two Rotating Level Indicators type LIS are installed normally on the silo to indicate the max. & min. material levels. They are designed to signal the presence of material in silos, hoppers, etc., commonly used for material having a density ranging from 0.5 to 2 t/m³. Multi level indicators are also used to show more level points. It is very easy to install it from outside of the silo with the accessory (threaded pipe).

LIS 旋转式料位器可以用于指示筒仓、料斗等容器内粉体颗粒物料的储存状况。顶部或侧面安装，适用于密度 0.5T/m³ 到 2T/m³ 的物料。每个筒仓一般使用二个旋转式料位指示器，分别指示最高料位和最低料位。也可以使用多个料位指示器，以指示多个料位。通过附带的内螺纹管，可以轻松的从筒仓外部完成安装使用。

Technical Data

1. Mechanical Data

- Body: Die-cast aluminum alloy
- Process Connection: G1 1/2"
- Material Vane Shaft and Measuring Vane: Stainless Steel
- Friction Clutch: Protection of the gearing of impacts of the measuring vane
- Pickup Delay: Approx. 1.3 sec
- Sensitivity: Adjustable via reset force of spring in three position
- Speed of measuring vane: 1 rpm

2. Electrical Data

- Main Voltage: 220V±10V, 50HZ
- Installed Load: 3W
- Connection Terminal: 1X Max. 1.5mm²
- Screwed Cable Gland: 1X PG13.5, 1X blank-off flange (plastic)
- Signal Output: Microswitch AC Max. 250V, 2A,500W
- Connection Diagram: On printed circuit
- Protection Class: I

3. Operating Conditions

- Container Over-pressure: Max. 0.8 bar
- Temperature Inside Vessel: -20℃--+80℃
- Ambient Temperature at the Housing: -20℃--+70℃
- Height above Sea Level: ≤1000m

技术数据

1. 机械数据

- 防护等级：IP65
- 测量叶片及轴：不锈钢
- 摩擦式离合器：在叶片收到冲击时保护齿轮
- 信号延迟：大约 1.3 秒
- 敏感性：通过三个位置弹簧调节
- 叶片转速：1rpm

2. 电气数据

- 电源：24V/48V/110V/220V-50HZ
24V/48V/-DC
- 安装功率：3W
- 接线：1X 最大 1.5mm²
- 信号输出：交流---最大 250V, 2A, 500W

直流---最大 300V, 2A, 600W

- 防护等级: I

3. 工况

- 外壳内压力: 最大 0.8bar
- 外壳内温度: -20℃--+80℃
- 设备工作温度: -20℃--+70℃

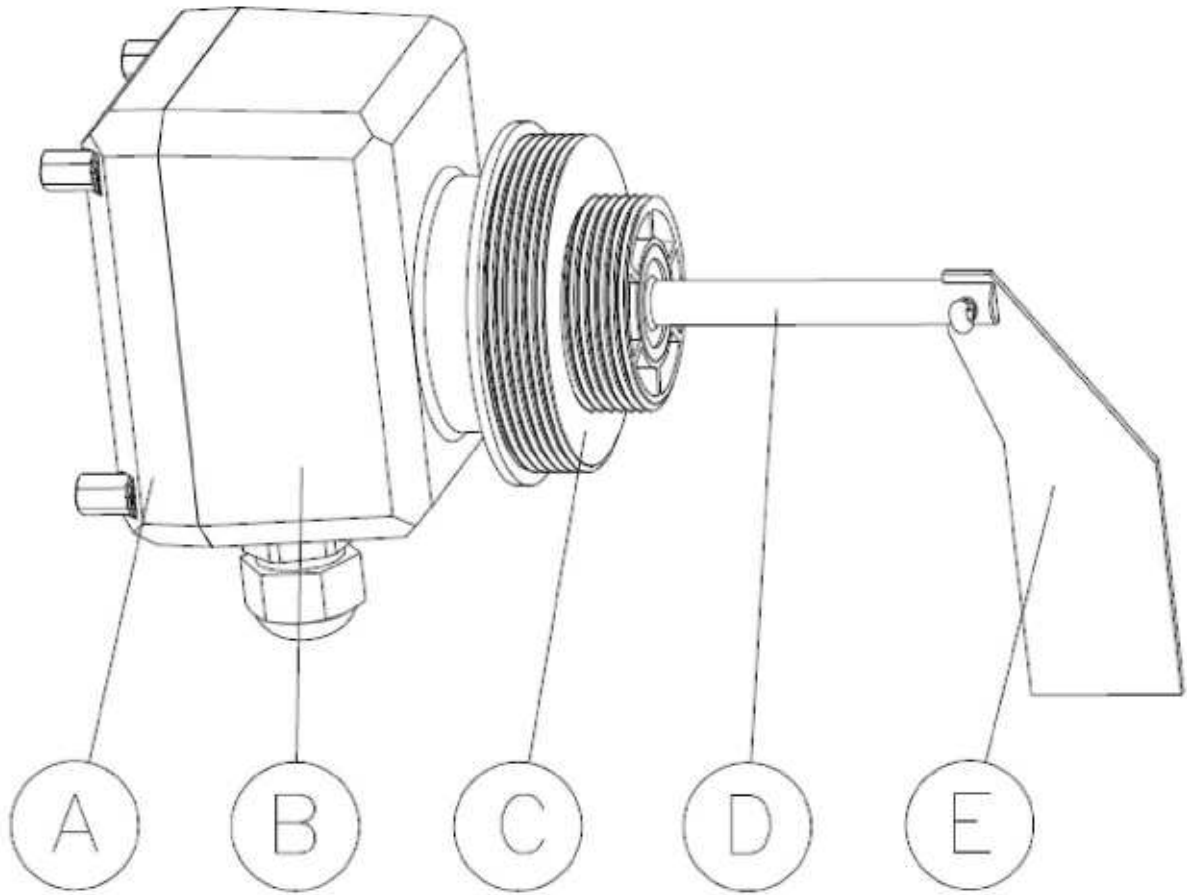
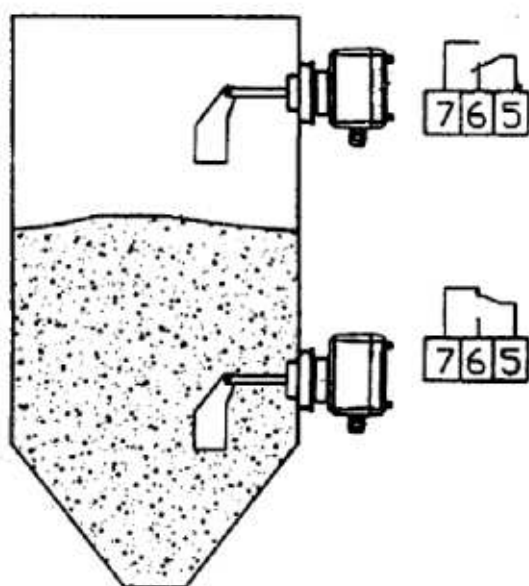
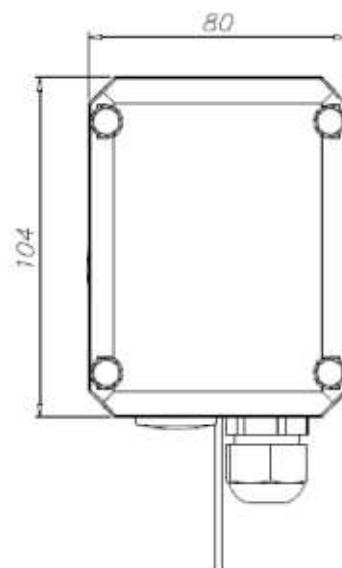
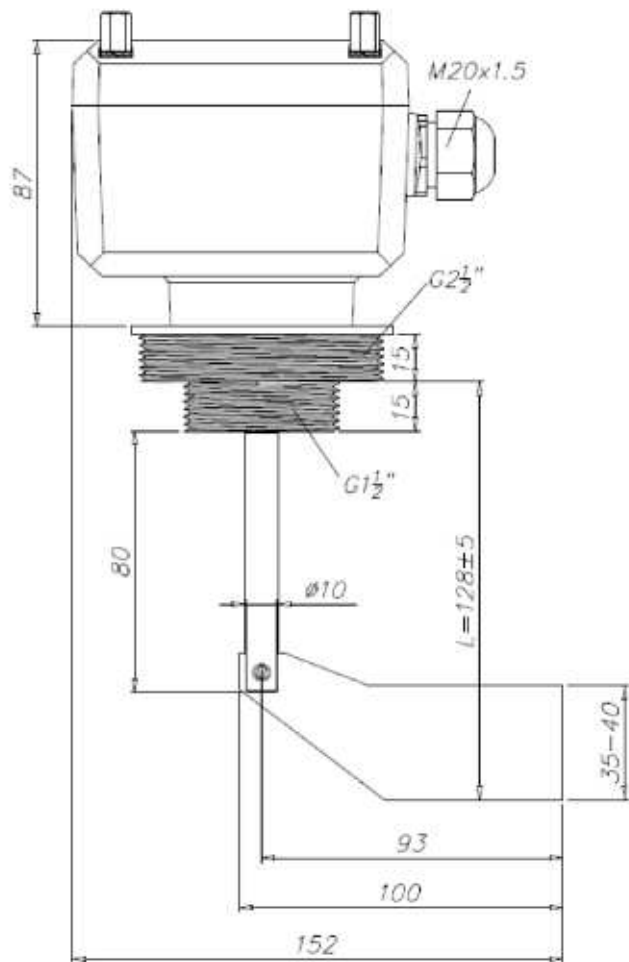


Fig .1

Pos .	Description	Q'ty
A	Cover	1
B	Frame	1
C	Shaft support	1
D	Paddle	1
E	Shaft	1



Switching logic

Terminal 1x max.1.5mm²

AC max. 250V, 2A, 500W

DC max. 300V, 2A, 600W