Kjærulf Pedersen a/s

Inclinometer type: KPM 100





Application:

Orientation measurements

Properties:

- Roll output of ±180°
- Pitch output of ±90°
- Yaw output of ±180°
- Accelerations in three directions
- Angular velocity in three directions
- Magnetic felt strength in three directions
- Modbus communication
- Alarms
- Bootloader



7700001	7700-E010817V1
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ELECTRICAL SPECIFICATIONS:

Supply:

10-28 VDC.

Output:

Modbus RTU RS485 protocol.

Connection: M12

Others on request depending on quantity

FUNCTIONALITY.

The sensor is built for measuring orientation. The main components of the sensor are an accelerometer, a gyroscope, a magnetometer, and a DSP processor for inclinometer calculations.

Data output is the orientation in degrees.

ENVIRONMENTAL:

Temperatures:

Temperature on electronics: -40°C to 80°C.

EMC:

Emission: Domestic, EN 61000-6-3 Industrial, EN 61000-6-2

