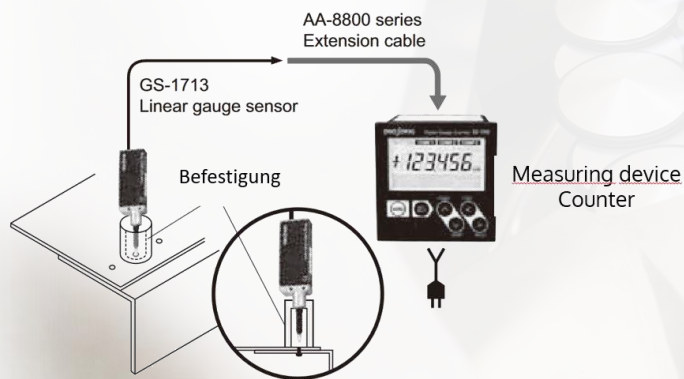


Digital Linear Gauge Sensor

High precision distance sensor GS-1713A



Screw height measurement ('good' / 'bad' evaluation) in production



Product description

Linear Gauge sensors of product family GS-1713 refer to highest precision distance measurement and are therefore used for e.g. production process control.

Measurements on:

- Test benches
- Laboratory set-ups
- Production lines

Benefits

- Compact, highly accurate and robust digital linear gauge sensor in IP64 design for manual or automated measurement in harsh environments

Features

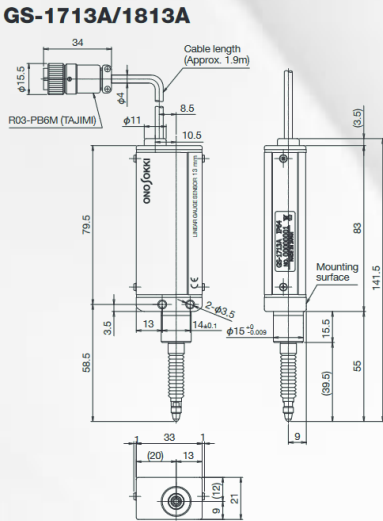
- Robust and durable - in endurance tests with more than 6.5 million sliding times
- Connection to monitoring (PLC/SPS) or to Ono Sokki counters (DG series)

Technical data



Characteristics	Technical values
Measurement range	13 mm
Resolution	10 μm
Measurement accuracy	3 μm
Measuring power	≤ 1.3 N
Spindle speed (max)	4 m/s
Output signal	2-phase rectangle, phase difference HI (4.5V) / LO (0.4V)
Power supply	4.5 ... 5.5 VDC (≤ 120 mA)
Temperature range (operation)	0°C ...+40°C
Cable length	1.9 m
Protection class	IP64
Weight	0.250 kg

Drawing



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DK000026E Rev: 00

Rev: 00

2023-06-02

