

It simply works!



TK91A / TK91UNI

Designed for toughest applications, equipped with strong scanner shaft and due to double-lipped special seals (as in pumps) impervious to aggressive cooling agents, dust and chips.

The compact scanner dimensions and the wide scanning range as well as the smooth, cylindrical wall allow for easy assembly without additional adjustment aids.



Characteristics

TK91 is ideally suited for scanning long tools and detecting smallest deviations.

This scanner can take longer wands (up to 910 mm) with plates to monitor tool tips. Therefore, no space for lateral swivel range is required.

The powerful gear motor of TK91 – which also excels by the repeat accuracy of its monitoring function – is ideal for a wide scanning range.

Also available without wand holder as TK91UNI.

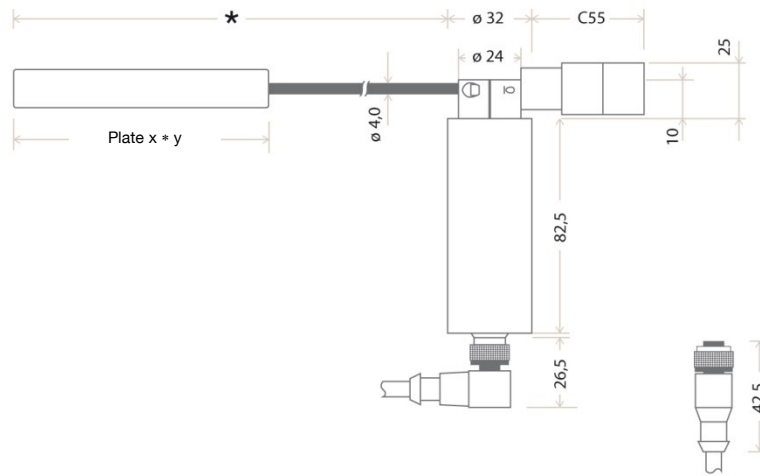
Scanning

- In one direction: right or left
- Axial (rotational)

Application

Tool/object monitoring and checking shapes

Mechanical Dimensions (mm)



* Wands and Plates in different lengths, designs with Counter Weights available.

Technical Data

Scanner	TK91A
Article no.	63 04 245
Scanner	TK91UNI
Article no.	63 04 260
Housing	Anodized aluminum
Protection class	IP 65 / IP 68
Wand length	max. 910 mm, with plate Wand exchangeable
Scanning angle	max. 300°
Control unit connection	Small circular connector M12x1, 8 pin
Ambient temperature	0 °C to +80 °C
Storage temperature	-25 °C to +85 °C
Scanning cycles	> 5 million at minimum scanning intensity
Axial diameter	4 mm
Housing diameter	32 mm
Resolution	0.01°
Accurateness	0.05°
Speed	1.8 sec / 180°

Version 1.01 Subject to technical changes.