

It simply works!



TK96A / TK96RL

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

TK96 is the ideal solution for applications in smallest process zones with highest system availability and a sturdy environment.

The two variants have identical system features but differ with respect to the internal stop (in model "A") and the possibility of bilateral scanning (with designation "RL").

The series TK96 impresses by its particular small dimensions and excellent scanning data.

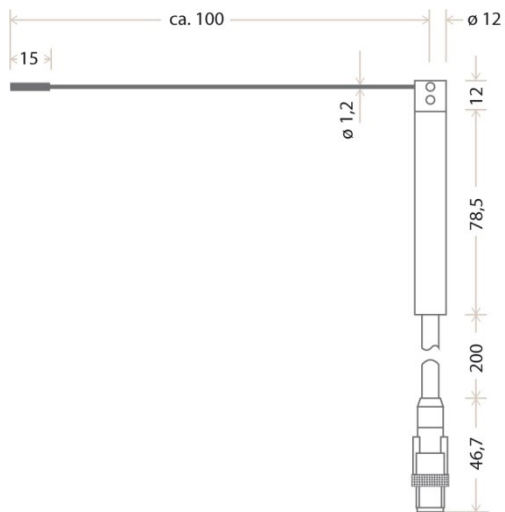
Scanning

- TK96A in one direction: right or left
- TK96RL bidirectional: right-left or left-right
- Lateral (orthogonal)

Application

Tool/object monitoring and free-space monitoring

Mechanical Dimensions (mm)



Technical Data

Scanner	TK96A
Article no.	63 04 253
Scanner	TK96RL
Article no.	63 04 254
Housing	Stainless steel
Protection class	IP 65 / IP 68
Wand length	100 mm (can be shortened), Ø 1.2 mm Wand exchangeable
Scanning angle	TK96A: max. 270° TK96RL: max. 360°
Control unit connection	Fixed cable (200 mm) Small circular connector M12x1, 8 pin
Ambient temperature	0 °C to +65 °C
Storage temperature	-25 °C to +85 °C
Scanning cycles	> 5 million at minimum scanning intensity
Axial diameter	3 mm
Housing diameter	12 mm
Accurateness	1.2°
Speed	0.85 sec / 180°

Version 1.01 Subject to technical changes.