

# It simply works!



## TK8A

**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

TK8 is particularly suitable for precise scanning results with relatively short scanning cycles and a larger distance to the object.

This rotary scanner offers two special features: For one thing, the use of wands with a length of up to 380 mm allows for a larger distance to the object. For another, scanners with plate can be used and allow to monitor the tool tips inside the tool magazine.

The high positioning resolution of the drive ensures high monitoring precision.

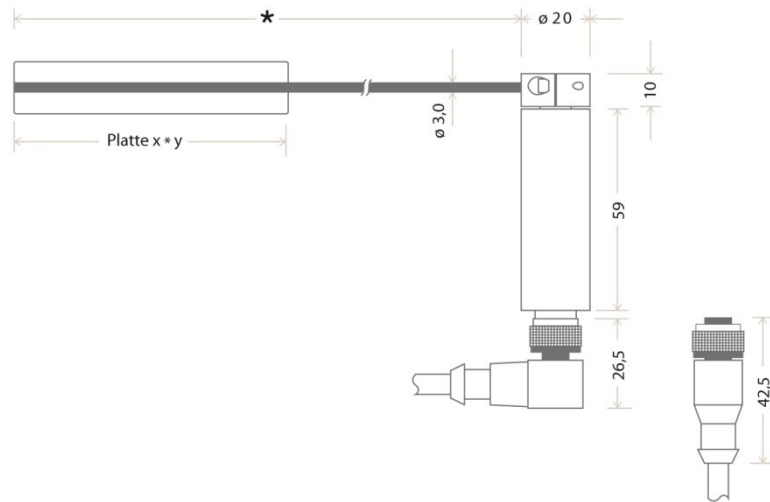
### Scanning

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

### Application

Tool/object monitoring

## Mechanical Dimensions (mm)



\* Wands and Plates in different lengths and designs available.

## Technical Data

Scanner	TK8A
Article no.	63 04 237
Housing	Anodized aluminum
Protection class	IP 65 / IP 68
Wand length	380 mm, with plate 80 x 15 mm 284 mm, with plate 65 x 15 mm 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	3 mm
Housing diameter	20 mm
Accurateness	0.15°
Speed	1.3 sec / 180°

Version 1.01 Subject to technical changes.