

It simply works!



TK9LIN50

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

With its superb repeat accuracy TK9LIN can be recommended for all uses where high-precision measurements (e.g. of tolerances or depths) are required.

TK9LIN is designed for testing functions in longitudinal direction if rotational scanning is not suitable or possible (as in cavities, bore holes or limited space). Any scanning area between rest position and maximum stroke can be realized.

In order to meet a wide range of testing applications specific wand tips (brass, plastics, etc.) are available.

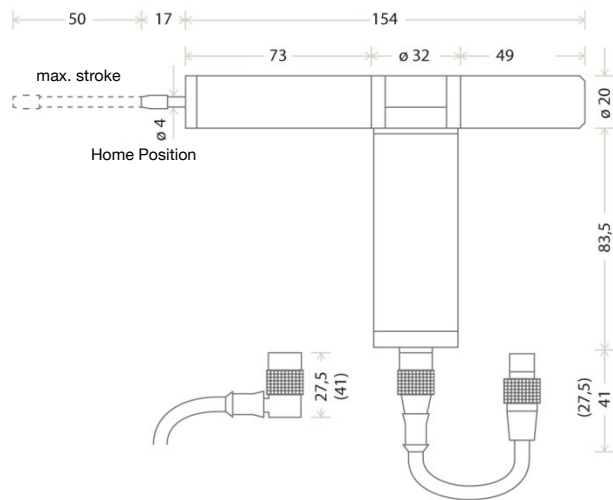
Scanning

- In longitudinal direction:
Stroke 50 mm
- Linear

Application

Position monitoring

Mechanical Dimensions (mm)



Technical Data

Scanner	TK9LIN50
Article no.	63 04 250
Housing	Anodized aluminum
Protection class	IP 64
Wand length	50 mm max. stroke
Wand tip	Exchangeable
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
Scanning area	50 mm max. stroke
Housing diameter	32 mm / 20 mm
Accurateness	0.05 mm
Speed	1.4 sec / 50 mm

Version 1.01 Subject to technical changes.