

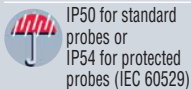
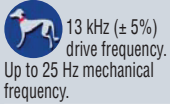


ball-bearing guiding with fixed stops.

Insert holder attachment with dovetail.

Cable length: 2 m.

5-pin connector including a feature matching DIN 45322 for signal adjustment.



TESA Probes with Parallel Guiding

Standard or protected FMS probes

Universal probes for multigauging devices. Let you capture the values measured on machines or other fixtures for in-process inspection.

- Long-life probes featuring a small-size, rugged design.
- Modular construction to eliminate the need for many assembly components.
- Ball-bearing probe displacement.
- Direction of the probing force and probe retraction depending on used accessory.
- Wide variety of measuring inserts and supports for optimum adaptation to your measuring job.

Other probes compatible with measuring equipment from other makers also available on request.

FMS probes with parallel cable exit



Measuring range (mm)

N*

Measuring bolt retraction (accessory)

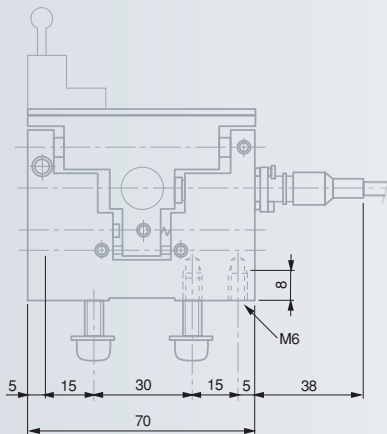
Standard probes

03230019	FMS 100	± 2	2	air pressure
03230049	FMS 130	± 2,9	2	air pressure

Probes «FMS protected»

03230037	FMS 100-P	± 2	2	air pressure
03230051	FMS 130-P	± 2,9	2	air pressure

* Nominal value at electrical zero; max. deviation ± 25%. Valid for probing movement exerted horizontally or in static measuring.



Mechanical stop**
lower mm
upper mm

mm

μm

μm

μm***

Technical data sheets

FMS 100	-2,9	2,9	5,8	0,5	0,5	0,2 + 3 · L ³	03200253
FMS 100-P	-2,9	2,9	5,8	0,5	0,5	0,2 + 3 · L ³	03200283
FMS 130	-2,9	2,9	5,8	0,5	0,5	0,2 + 3 · L ³	03200342
FMS 130-P	-2,9	2,9	5,8	0,5	0,5	0,2 + 3 · L ³	03200344

** Distance from electrical zero. *** Linearity related max. perm. errors (L in mm).

