

# Product information

## Inductive probe Millimar 1301

### Product features

- Highly robust as the measuring system is recessed from the guide and mounting shaft
- Outstanding clamping properties
- Measuring pin mounted in rotary stroke bearing
- Measuring pin can be lifted using wire lifter
- Chemical resistance data:  
resistant to oil, gasoline, water and aliphatic compounds.  
Moderately resistant to acids, bases, solvents and ozone



Item no.: 5313010

### Package contains

spanner for preliminary stroke setting, test certificate, instruction manual

### Technical data

Measuring range from	-1
Measuring range up to	1
Distance of lower stop MIN	-1.1
Distance of lower stop MAX	0
Distance of upper stop MAX	2.7
Lifter / retraction	Cable release
Measuring force (N)	0,75 N +/- 0,15 N
Increase in measuring force	0,4 N/mm
Sensitivity deviation	0.3
Repeatability fw (µm)	0.1
Measuring value hysteresis fu (µm)	0.2
Linearity deviation within +/- 0,5 mm	0.5
Linearity deviation within +/- 1,0 mm	2
IP protection category	IP 64
Cable length	2.5
Operating temperature Min	10
Operating temperature Max	40
Storage temperature MIN	-10
Storage temperature MAX	80
Temperature coefficient	0.09
Compatibility	Mahr LVDT

### Dimensions

