

# Product information

## Inductive probe Millimar P1300 TB without cable

### Product features

- Tesa compatibility
- Tesa half-bridge technology
- with compressed-air push
- Very easy to service: cables and probes can be separated via the plug-in connector
- Measuring pin mounted in rotary stroke bearing
- Chemical resistance data: resistant to oil, gasoline, water and aliphatic compounds. Moderately resistant to acids, bases, solvents and ozone



### Package contains

test certificate, instruction manual, spanner for preliminary stroke setting, hose connector for compressed air

Item no.: 4400193

### Technical data

Measuring range from	-2
Measuring range up to	2
Distance of upper stop MIN	2.2
Distance of upper stop MAX	4.4
Distance of lower stop MIN	-2.2
Distance of lower stop MAX	0
Lifter / retraction	Compressed air retraction (max. 1 bar)
Measuring force (N)	Depending upon air pressure
Sensitivity deviation	0.3
Repeatability fw (µm)	0.1
Measuring value hysteresis fu (µm)	0.5
Linearity deviation within +/- 0,5 mm	1
Linearity deviation within +/- 1,0 mm	3
IP protection category	IP 64
Operating temperature from	10
Operating temperature up to	40
Storage temperature MIN	-10
Storage temperature MAX	80
Temperature coefficient	0.15
Compatibility	Tesa

### Dimensions

Dimensions b in mm	61.9
Dimensions a in mm	94.2
Dimensions c in mm	107.2
Dimensions d in mm	133.6

