

Product information

Inductive probe Millimar P2104 UA

Product features

- Models with pneumatic lifter or vacuum retraction
- Measuring pin mounted in rotary stroke bearing
- High linearity over the entire measuring range
- Excellent electromagnetic shielding (EMC)
- All probes can be easily converted from axial to radial by mounting a slip on cap, included in the scope of supply
- Chemical resistance data:
resistant to oil, gasoline, water and aliphatic compounds.
Moderately resistant to acids, bases, solvents and ozone



Item no.: 5324073

Package contains

test certificate, instruction manual, cap for radial cable output, spanner for preliminary stroke setting

Technical data

| | |
|--|-------------------|
| Measuring range from | -2 |
| Measuring range up to | 2 |
| Distance of lower stop MIN | -2.2 |
| Distance of lower stop MAX | 0 |
| Distance of upper stop MIN | 8.4 |
| Distance of upper stop MAX | 10.4 |
| Lifter / retraction | Vacuum lifter |
| Measuring force (N) | 0,75 N +/- 0,15 N |
| Increase in measuring force | 0,1 N/mm |
| Sensitivity deviation | 0.3 |
| Repeatability fw (µm) | 0.2 |
| Measuring value hysteresis fu (µm) | 1 |
| Linearity deviation within +/- 0,5 mm | 0.5 |
| Linearity deviation within +/- 1,0 mm | 2 |
| Linearity deviation within +/- 2,0 mm | 4 |
| IP protection category | IP 64 |
| Cable length | 2.5 |
| Working temperature | 20 |
| Working temperature MIN | 10 |
| Working temperature MAX | 40 |
| Operating temperature Min | 10 |
| Operating temperature Max | 40 |
| Storage temperature MIN | -10 |
| Storage temperature MAX | 80 |
| Temperature coefficient | 0.15 |
| Compatibility | Marposs |

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Dimensions

