

Gageline XP211

Measuring block 11 mm for precise sensor positioning



System features

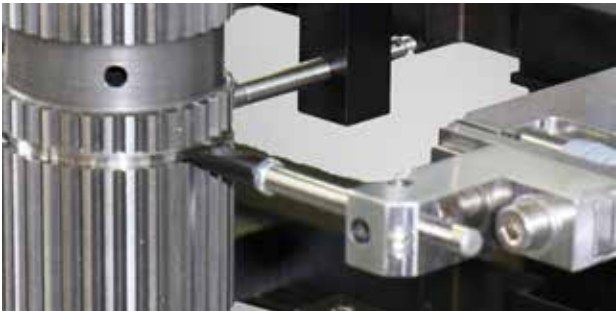
- 100 % stainless and with Viton seals
- Slide block path for probe holder 11 mm
- Throttling for sensors of all kinds with a diameter of 8 mm
- Optimized space requirements
- Interchangeable compression spring and low measuring force (integrated spring with 1.5 N and additional set of four springs with 0.75 / 1 / 2.5 and 3.5 N)
- Various holders and standard push-buttons
- Service life of over 5 million cycles
- Comprehensive accessories

Advantages of the principle

- Contact measurement
- Robust and insensitive to contamination for measurements in the production environment
- Translation of probes without jerking
- Constant measuring pressure
- Enables extremely accurate positioning of a probe
- Mechanical protection of the electronic sensor

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Measuring block for precise sensor positioning



Example for the integration of a measuring block XP211 with support bracket, probe holder and measuring probe

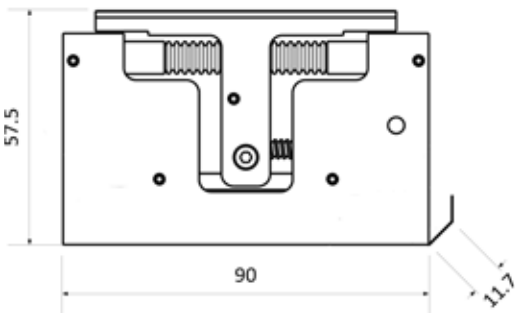


Example for the integration of several measuring blocks XP206 and XP211 into a measuring system

Technical data

Operating temperature	+15 °C to +85 °C
Mechanical path	11 mm
Pressure strength	0.75 N
Temperature deviation coefficient	±0.5 µm/°C
Total mass	385 g
Mass of moving parts	95 g
Repeatability spring axis 0.75 N	<0.25 µm

XP211 dimensions [mm]



Art. no.. E503000-300

Accessories



Support bracket
Art. no. X426000-001



Micro cylinder for pneumatic stroke or thrust
Art. no. X426000-010



Mounting flange
(part of X426000-001)
Art. no. X426000-011



Probe holder with female thread M2.5
Art. no. X426000-002 (L=20 mm)
Art. no. X426000-003 (L=30 mm)
Art. no. X426000-004 (L=40 mm)