

Gageline XP201

## High-performance measuring block for precise sensor positioning



### System features

- Stainless steel measuring blade and Viton valve
- Sensor ZDB603 (LVDT) Ø 6 (±0.5 mm) integrated and exchangeable
- Stroke of slide block for probe holder 1.7 mm
- Measuring process ±0.5 mm
- Available in three versions: without micro cylinder, with stroke left or with stroke right
- Very compact design
- Integrated compression spring 1.5 N
- Service life of over 20 million cycles
- Comprehensive accessories

### Advantages of the principle

- Exceptionally long service life due to the blade construction
- Contact measurement
- Robust and insensitive to contamination for measurements in the production environment
- Perfect translation
- Constant measuring pressure
- Enables extremely accurate positioning of a probe
- Mechanical protection of the electronic sensor

# Gageline XP201

## High-performance measuring block



XP201 with ZDB603  
Art. no. E503000-100



XP201-PL with ZDB603 and micro cylinder opposite the sensor  
Art. no. E503000-110

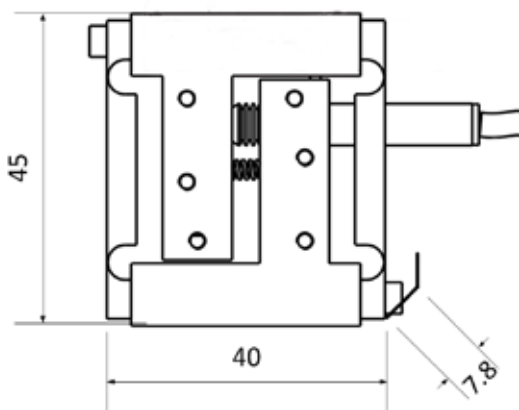


XP201-PR with ZDB603 and micro cylinder on the side of the sensor  
Art. no. E503000-120

### Technical data

Operating temperature	+15 °C to +85 °C
Mechanical stroke	1.7 mm
Pressure strength	1.5 N
Temperature deviation coefficient	±0.5 µm/°C
Total mass	60 g
Mass of moving parts	12 g
Repeatability spring axis 1.5 N	<0.10 µm
Length of sensor cable	2 m
Supply pressure micro cylinder	0.15–0.25 MPa

### XP201 dimensions [mm]



### Accessories



Support bracket  
Art. no. X426000-000



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)



Set of replacement blades  
Art. no. X426000-009