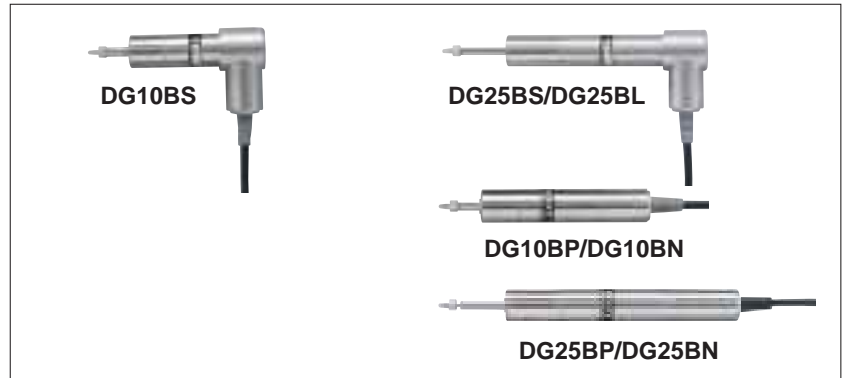


Digital Gauge

DG10B DG25B

**High accuracy, rugged gauges.
Suitable for installation on machines**

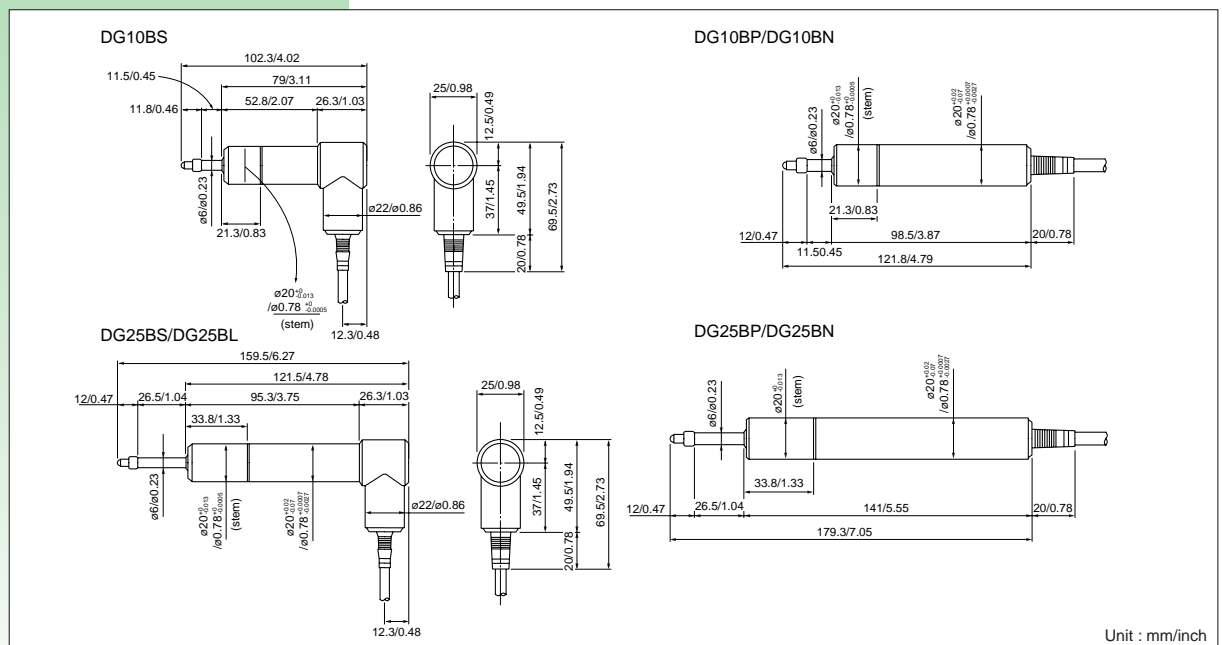
- Magnetic principle
- Excellent resistance to workshop conditions (BP/BS: IP64).
Resistant to oil, water, dust, vibrations and shocks.
- Accuracy: $\pm 1 \mu\text{m}$
- Resolution: $0.5 \mu\text{m}$
- Measuring range: 10 mm / 0.39" and 25 mm / 0.98"
- High measuring force (BP/BS)
- Low measuring force (BN/BL)
- Easy installation
- A variety of accessories available (See "Accessories for Gauges")



Specifications

Model	DG10BP	DG10BS	DG10BN	DG25BP	DG25BS	DG25BN	DG25BL
Measuring range	10 mm / 0.39"			25 mm / 0.98"			
Resolution	0.5 μm						
Accuracy (at 20 °C / 68 °F)	$\pm 1 \mu\text{m}$						
Measuring force	Upward	All directions: 4.9 N or less	0.3 \pm 0.25 N	All directions: 4.9 N or less	0.4 \pm 0.3 N		
	Lateral		0.6 \pm 0.3 N		0.7 \pm 0.35 N		
	Downward		0.8 \pm 0.35 N		1 \pm 0.4 N		
Protective design grade	Equivalent to IP64		—	Equivalent to IP64		—	
Sealing (oil, water, dust)	Oil sealing, O-rings, Y-gaskets		—	Oil sealing, O-rings, Y-gaskets		—	
Mounting stem diameter	$\varnothing 20_{-0.013}^0$ mm						
Operating temperature	0 °C to 50 °C / 32 °F to 122 °F						
Storage temperature	-20 °C to 60 °C / -4 °F to 140 °F						
Cable length	5 m/16.4'						
Feeler	Feeler tipped with 2.5 mm dia. carbide ball with M2.5 x 0.45 screw on fitting end (DZ122)						
Mass (excl. cable unit)	0.1 kg/0.22 lbs			0.2 kg/0.44 lbs			
Option	None		Air lifter DZ-161 mountable	None		Air lifter DZ-161 mountable	

Dimensions



Gauges