

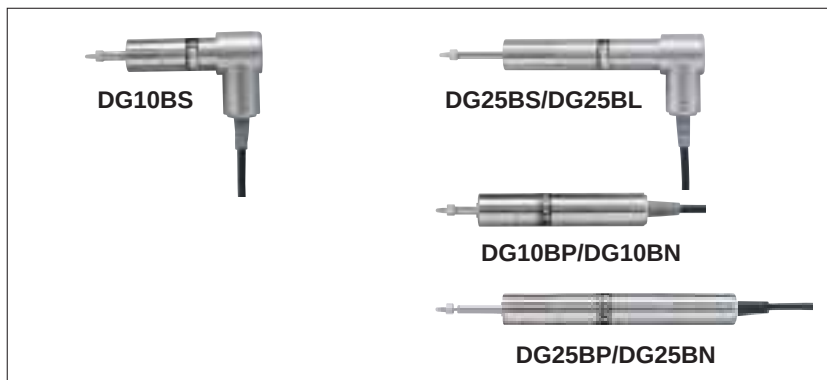
Digital Gauge

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)		± 1 μm						
Measuring force	Upward	All directions: 4.9 N or less	0.3 ± 0.25 N		All directions: 4.9 N or less		0.4 ± 0.3 N	
	Lateral		0.6 ± 0.3 N				0.7 ± 0.35 N	
	Downward		0.8 ± 0.35 N				1 ± 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		ø 20 ⁰ _{-0.013} 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

