

Compact and slim gauges

- Magnetic principle
- Excellent resistance to workshop conditions (DT12P : IP64)
Resistant to oil and dust
- Accuracy : $\pm 5 \mu\text{m}$
- Resolution : $5 \mu\text{m}$
- Measuring range : 12 mm / 0.47"
- Compact size ideal for designing into machines
12 x 34 x 116 mm / 0.47" x 1.34" x 4.57" (D x W x L)

Specifications

Model	DT12N	DT12P
Measuring range	12 mm / 0.47"	
Resolution	5 μm	
Accuracy (at 20 °C / 68 °F)	$\pm 5 \mu\text{m}$	
Measuring force	Upward	0.7 \pm 0.5 N
	Lateral	0.8 \pm 0.5 N
	Downward	0.9 \pm 0.5 N
Protective design grade	—	
Mounting stem diameter	$\phi 8 \frac{0.015}{0.0005}$ mm	
Operating temperature	0 °C to 50 °C / 32 °F to 122 °F	
Storage temperature	-10 °C to 60 °C / 14 °F to 140 °F	
Cable length	2 m / 6.56'	
Feeler	Feeler tipped with 3 mm dia. steel ball with M2.5 x 0.45 screw on fitting end	
Mass (excl. cable unit)	75 g / 2.6 oz	80 g / 2.8 oz
Guaranteed number of strokes	5 million	

Dimensions

