

DT512N/P

Compact and slim gauges with 1 μm resolution

- Magnetic principle
- Excellent resistance to workshop conditions (DT512P: IP64)
- Resistant to oil and dust
- Accuracy: ± 3 μm
- Resolution: 1 μm
- 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	DT512N	DT512P
Measuring range	12 mm/0.47"	
Resolution	1 μm	
Accuracy (at 20 °C /68 °F)	± 3 μm	
Measuring force	Upward	0.7 ± 0.5 N
	Lateral	0.8 ± 0.5 N
	Downward	0.9 ± 0.5 N
Protective design grade	Equivalent to IP64	
Mounting stem diameter	ø 8 ^{±0.015} 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

