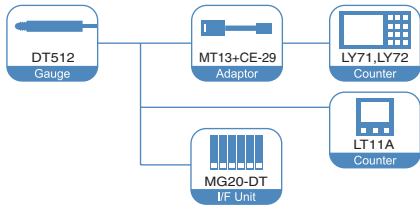


# DT

# DT512<sub>N/P</sub>

Compact and slim gauges with 1 μm resolution

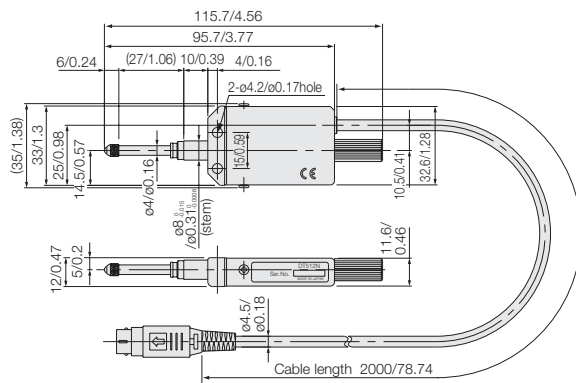
- Excellent resistance to workshop conditions (DT512P: IP64)
- Resistant to oil, water, dust, vibration, and shock.
- Accuracy: 6 μm
- Resolution: 1 μm
- Measuring range: 12 mm / 0.47"
- Compact size ideal for designing into machines  
12 x 35 x 116 mm / 0.47" x 1.38" x 4.57" (D x W x L)



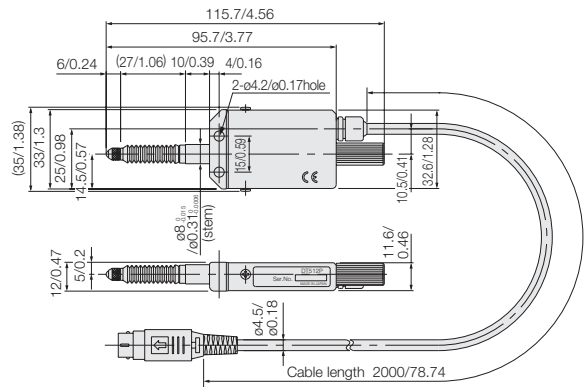
Digital Gauge

## Dimensions

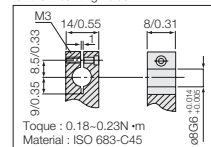
DT512N



DT512P



Dimensions and dimensional tolerance for the mounting holder



Unit : mm/inch

## Specifications

Model	DT512N	DT512P
Measuring range		12 mm/0.47"
Resolution		1 μm
Accuracy (at 20 °C /68 °F)		6 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
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'	
Mounting stem diameter	ø 8 <sup>0</sup> <sub>-0.015</sub> mm/ ø 0.31 <sup>0</sup> <sub>-0.00059</sub> "	
Feeler	Feeler tipped with 3 mm dia. steel ball with M2.5p x 0.45 screw on fitting end	
Mass (excl. cable unit)	75 g / 2.65 oz	80 g / 2.82 oz
Guaranteed number of strokes	5 million	