

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	All directions: 1.7 N or less
	Lateral	0.8 ± 0.5 N	
	Downward	0.9 ± 0.5 N	
Protective design grade		—	Equivalent to IP64
Mounting stem diameter		ø 8 $\frac{3}{64}$ 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	

DT512N

115.7/4.56
95.7/3.77
43/1.69
10/0.39
4/0.16
2- $\phi 4.2$ /0.17 hole
SONY
14.5/0.57
250.98
331.29
5/0.19
12/0.47
Cable length:2000/6.56

DT512P

115.7/4.56
95.7/3.77
43/1.69
10/0.39
4/0.16
2- $\phi 4.2$ /0.17 hole
SONY
14.5/0.57
250.98
331.29
5/0.19
12/0.47
Cable length:2000/6.56
Bellows

2-M4 screws+ washer
2-M4Tap
Mounting holder

Dimensions and dimensional tolerance for the mounting holder

M3
14/0.55
1
90.35 8.5/0.33
8/0.31
8/0.31
8/0.31
Torque:0.18 to 0.23N·m
Material:S45C

Unit : mm/inch

