

Probes

DP-S4 / 10 / 25

Various measuring range: $\pm 2\text{mm}$ to $\pm 12.5\text{mm}$

Excellent resistance to workshop conditions

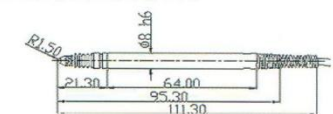
High resolution & linearity



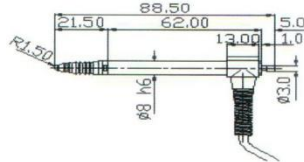
Specifications

Model	DP-S4	DP-S4V	DP-10	DP-10V	DP-10A	DP-25
Plunger retraction	Standard	Vacuum	Standard	Vacuum	Pneumatic	Standard
Stroke range	4.95mm		10.45mm			26mm
Measuring range	$\pm 2\text{mm}$		$\pm 4\text{mm}$			$\pm 12.5\text{mm}$
Repeatability	0.1 μm		0.5 μm			1.0 μm
Non-linearity	0.1%(at the $\pm 1.0\text{mm}$)		0.1%(at the $\pm 3.0\text{mm}$)			0.3%(at the $\pm 8.0\text{mm}$)
Measuring Force	4~90g		30~80g		Dependent on the air pressure	180g
*Cable length	2.2m		3m			
External Diameter	$\varnothing 8\text{mm}$					$\varnothing 15\text{mm}$
Mass (except cable unit)	Approx. 17g	Approx. 22g	Approx. 20g	Approx. 26g	Approx. 31g	Approx. 145g
Operating temp.	0~40°C					

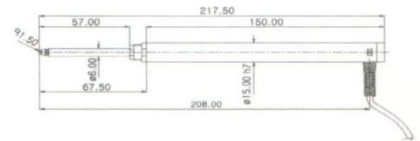
Dimensions



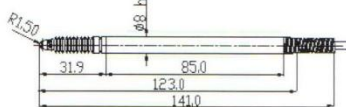
DP-S4



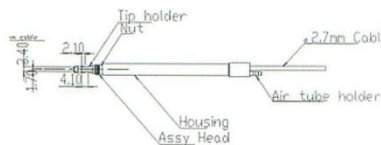
DP-S4V



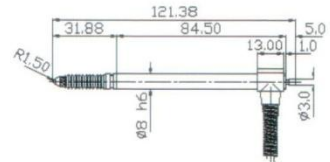
DP-25



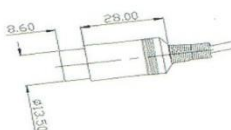
DP-10



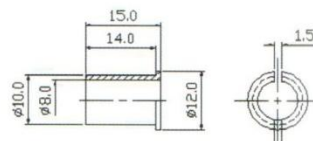
DP-10A



DP-10V

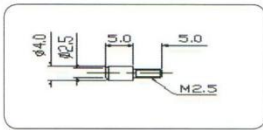


Connector detail

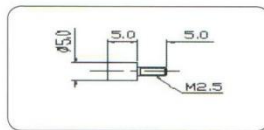


Bushing

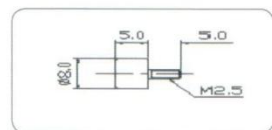
Probe tips



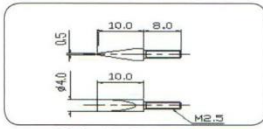
DT - F [Steel ø4]



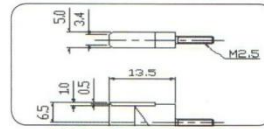
DT - F [Steel ø5]



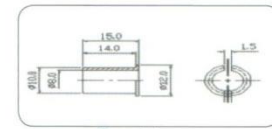
DT - F [Steel ø8]



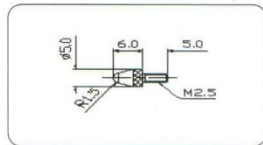
DT - L [steel]



DT - G [carbide]



Bushing



DT - B

DT - B

Steel

DT - BR

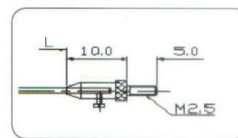
Ruby

DT - BC

Carbide

DT - BP

Plastic



DT - P

L = 7mm

= 16mm

= 26mm

= 36mm

Applications

