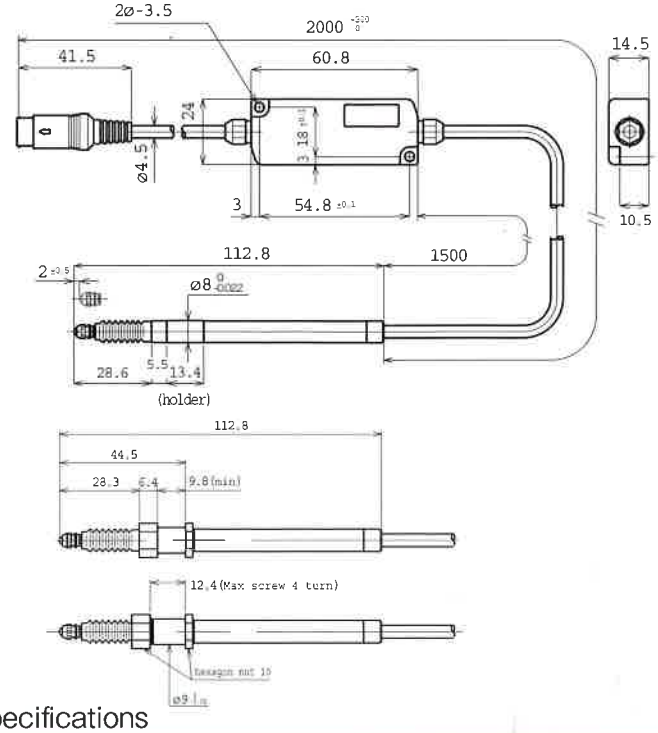
- 8ϕmm, slim-body design to save space and enable flexible configuration.
- Since origin detection mechanism loaded, eliminates to readjust whenever power is turned off.
- A nut installed type is available in order to solve the problem of over-tightening the stem portion.
- In compliance with IP67 degree of protection and EMC directives on CE marking.

IPD-P510

Resolution／0.5μm
Range／10mm

CE



IPD-P510N

Resolution／0.5μm
Range／10mm

CE

Specifications

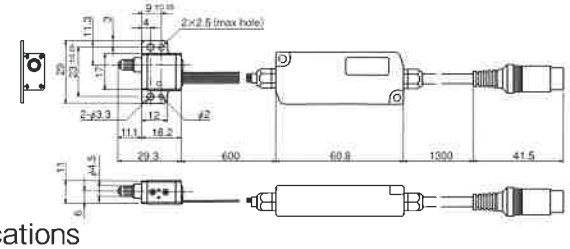
Model	IPD-P510/2M	IPD-P510/2M-03N	IPD-P510N/2M	IPD-P510N/2M-03N
Range	10mm			
Resolution	0.5μm			
Accuracy	1μm or less			
Measuring force	1.08N or less	0.3N or less	1.08N or less	0.3N or less
Response speed※1	2000mm/sec			
IP protection level	IP67 equivalent			
Origin position	About 2mm from the bottom			
Weight	Approx. 130g			
Cable length	2m			
Standard attachments: Contact point※2	F-201			
Standard attachments: Rubber bellows	M-137			

※Non-standard specifications (model, measuring force, etc.) are available upon request.
※1 This is the maximum speed of the spindle at which normal signals can be output.
※2 Various other contact points are available. (See P. 38 .)

IPD-C1003

Resolution／1μm
Range／3mm

[Actual size]



Specifications

Model	IPD-C1003
Range	3mm
Resolution	1μm
Accuracy	1μm or less
Measuring force	0.8N or less
Response speed※1	2,000mm/sec
Origin position	About 0.5mm from the bottom
Weight	Approx. 120g(including the cable)
Cable length	2m
Standard attachments: Contact point	F-501 (Stainless ball 1/8")
Standard attachments: Rubber bellows	—

※1 This is the maximum speed of the spindle at which normal signals can be output.