

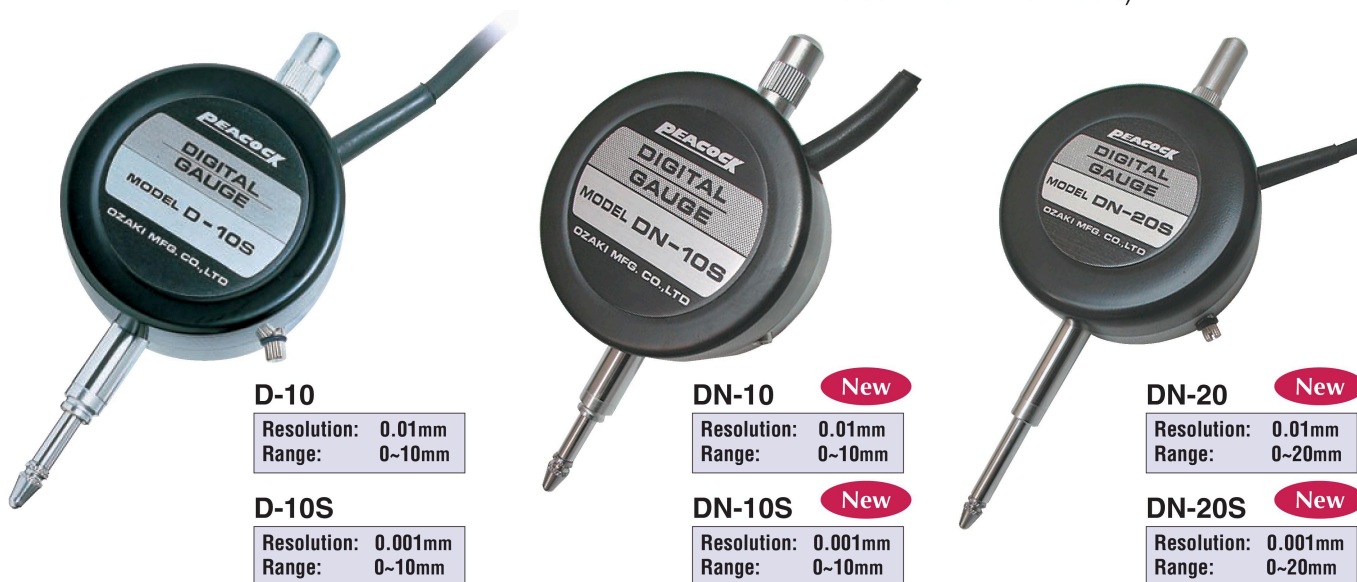
11 Measurement range (0~10mm, 0~20mm)

- 10mm and 20mm measurement ranges are the easiest to use.
- Used in conjunction with digital counters, these gauges can be set up in places where dial gauges are now being used.
- Set the gauge by either stem or lug back.
- For lifting spindle, both lever and release types are available.

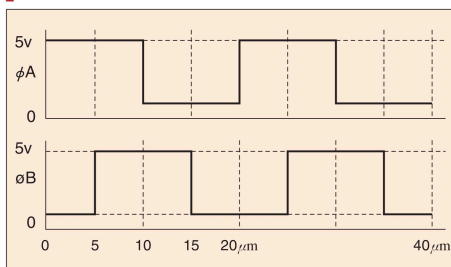
Rectangular wave output type

DN-10・DN-10S・DN-20・DN-20S

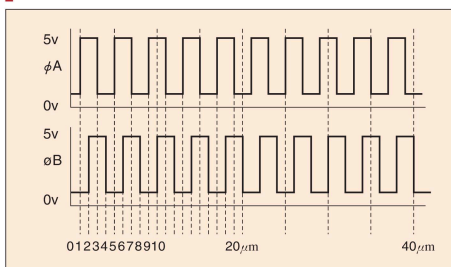
- For use in electrically noisy environments.
- For applications requiring extra long cables.(10 to 50 meters are available)



Output wave-form (DN-10・DN-20)



Output wave-form (DN-10S・DN-20S)



Specifications

Model	D-10	D-10S	DN-10	DN-10S	D-20	D-20S	DN-20	DN-20S
Range	10mm				20mm			
Resolution	0.01mm	0.001mm	0.01mm	0.001mm	0.01mm	0.001mm	0.01mm	0.001mm
Accuracy (excluding quantized error)	0.005mm	0.002mm	0.01mm	0.002mm	0.005mm	0.003mm	0.01mm	0.003mm
Measuring force	Less than 1.0N				Less than 1.5N			
Cable length	2m							
Mounting method	φ 8mm stem or 6.5mm hole on lug back							
Contact point	M2.5 × 0.45 S φ 2.4mm steel (X-2)							
Operating temperature	0~40°C							
Weight	220g				300g			
Output Signal	90° phase difference, 20µm pitch (R03-PB8M Tajimi connector) Rectangular wave (Low=0V High=8V)							
Compatible standard counters					C-500 C-700 CM-5B (*except DN-10S, DN-20S)			
Options	<ul style="list-style-type: none"> ● Release (RE-4) Lifting lever (LL-1) ● Dust proof rubber (BG-10) ● Flat back (GB3-D10), screws (S-110) ● Customer must specify if application is up-side-down. The measuring force changes when the gauge is inverted.				<ul style="list-style-type: none"> ● Release (RE-4) ● Flat back (GB3-D20) ● Customer must specify if application is up-side-down. The measuring force changes when the gauge is inverted.			

※ Features

- DN-10 DN-10S DN-20 DN-20S
- 1 Recommended for locations where cable extension (10 to 50 meters) is necessary.
- 2 Recommended for use in electrically noisy environments.

Notes of wiring : A signal wire should be duct wiring apart from other power lines.