Gauge&Counter Connection table

Linear gauge sensor

Feature	Reso lution	Measurement range 10 mm	13 mm	30 mm	50 mm	100 mm
Basic type Protecton class IP64	10 μm		GS-1713A	GS-1730A		
	1 μm		GS-1813A	GS-1830A		
Vibration resistant type ∗1 Protection class IP64	10 μm		GS-6713A	GS-6730A		
	1 μm		GS-6813A	GS-6830A		
Long life type ∗2 Protection class IP66G	10 μm		GS-4713A	GS-4730A		
	1 μm		GS-4813A	GS-4830A		
Compact type Protection class IP66	10 μm	BS-1210				
	1 μm	BS-1310				
Long stroke type Protection class IP5X	10 μm				GS-5050A	GS-5100A
	1 μm				GS-5051A	GS-5101A
High resolution type Protection class IP66G	0.1 μm		GS-3813B	GS-3830B		

*1: Vibration resistant type means that the sensor is not damaged even if prescribed shock vibration is added. It does not guarantee the normal measurement under vibration or shock.
*2: The number of sliding times has tripled compared with the existing model.

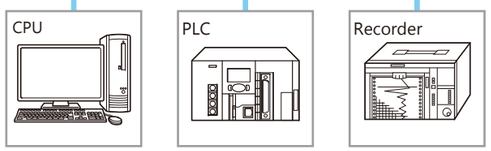
① Extension cable
AA-8801
AA-8802
AA-8803
AA-8804
Flexible type
AA-8811
AA-8812
AA-8813
AA-8814

② Extension cable
AA-8901
AA-8902
AA-8903
AA-8904

Digital gauge counter

Model \ Function	Display LCD	Display LED	Display Fluo-rescent	DIN size	Function 2ch add & sub cal culation	Offset	MAX	MIN	Range (MAX -MIN)	Multi plier setting	Output BCD	RS-232C	Ana log	Compa rator
DG-4320	○	—	—	72 × 72	—	○	○	○	○	○	○	—	—	—
DG-4340	○	—	—	72 × 72	—	○	○	○	○	○	○	—	—	○
DG-2310	—	○	—	144 × 72	○	○	○	○	○	—	○	○	○	○
DG-5100	—	—	○	96 × 48	—	○	○	○	○	○	△∗4	△∗5	△∗6	△∗7

*4: BCD option DG-0522 is required.
*5: RS-232C card option TM-0350 is required.
*6: Analog output option DG-0530 is required.
*7: Comparator output option TM-0340 is required.
*8: Connection conversion cable AA-8910 is required.



Output conversion box

Model name \ Function	Output type	Output connector
DG-0010	Open collector	R03-R6M
DG-0020	Line driver	R03-R6M

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