

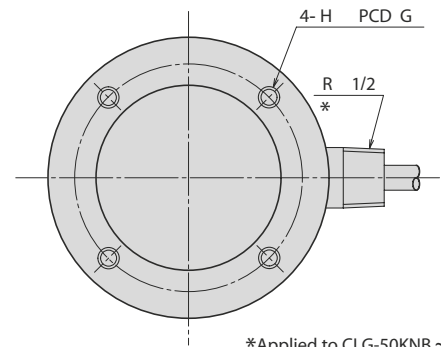
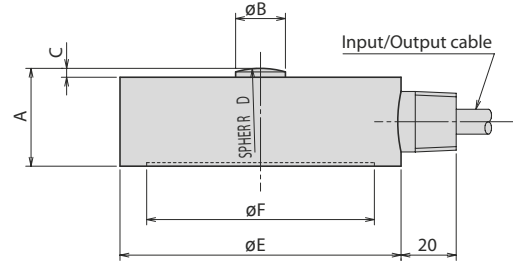


# CLG-NB

## Compression Load Cell 10~200kN



The CLG-NB Load Cell is a high precision load cell in a thin, hermetically sealed package. It is widely used in tight spaces and as a system sensor for industrial machinery.  
 Protection ratings : IP 67 equivalent



\*Applied to CLG-50KNB ~ 200KNB

### Fitting accessories

Type	Spherical Cap FA	Mounting Flange FB	Slide Support FC
CLG-10KNB/-20KNB	FA-60	FB-2-70	FC-5-60
CLG-50KNB	FA-60	FB-5-82	FC-5-60
CLG-100NB	FA-80	FB-10-90	FC-20-80
CLG-200NB	FA-100	FB-20-100	FC-20-100

### Dimensions

Type	A	B	C	D	E	F	G	H
CLG-10KNB	25	12	3	60	84	59	70	M5 DP 8
CLG-20KNB	25	12	3	60	84	59	70	M5 DP 8
CLG-50KNB	35	18	3	60	102	67	82	M8 DP10
CLG-100KNB	40	22	5	80	117	71	90	M8 DP10
CLG-200KNB	50	28	7	100	127	77	100	M8 DP10

### Specifications

Type	CLG-10KNB	CLG-20KNB	CLG-50KNB	CLG-100KNB	CLG-200KNB
Capacity	10kN	20kN	50kN	100kN	200kN
Rated Output	2mV/V (4000×10 <sup>-6</sup> strain) ±0.5%				
Non-linearity	0.2%RO				
Hysteresis	0.2%RO				
Temperature effect on zero	0.01%RO/°C				
Temperature effect on span	0.005%/				
Compensated temperature range	-10 ~ + 60				
Temperature range	- 20 ~ + 70				
Over load	150%				
Input/output resistance	350Ω±1%				
Recommended exciting voltage	Less than 6V				
Allowable exciting voltage	15V				
Zero balance	5%RO				
Weight	0.9kg	0.9kg	1.8kg	2.6kg	3.8kg

Input/Output cable : CLG-10KNB/-20KNB : ø6mm 0.35mm<sup>2</sup> 4-core shielded chloroprene cable 5m  
 CLG-50KNB ~ 200KNB : ø9mm 0.5mm<sup>2</sup> 4-core shielded chloroprene cable 5m

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