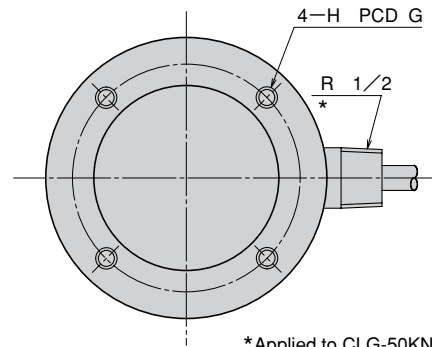
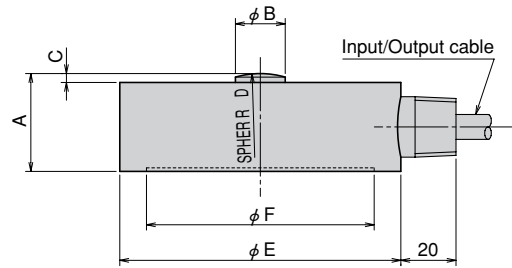


CLG-NB Compression Load Cell

10~200kN



* Applied to CLG-50KNB~200KNB

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

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 ⁻⁶ 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%/°C				
Compensated temperature range	-10~+60°C				
Temperature range	-20~+70°C				
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 : φ 6mm 0.35mm² 4-core shielded chloroprene cable 5m
 CLG-50KNB~200KNB : φ 9mm 0.5mm² 4-core shielded chloroprene cable 5m

Fitting accessory

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