



This is I.T. Co., Ltd.

1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.

T.Samrongnua A.Muang Samutprakarn Thailand 10270

Hot Line: 091-095-8123 Site: www.thisisit.co.th E-mail: sales@thisisit.co.th

RCD-UA – COAXIAL BEAM TYPE AND WATERPROOF LOAD CELL

Features

- Completely satisfying waterproof requirement (JIS C 0920 Class 7). Immersion-proof allowing underwater operation.
- All stainless steel construction (SUS630).
- Small size and light weight.
- Accuracy class: 0.15%.



Specifications

Safe Overload	150%RC
Rated Output	2mV/V±1%
Nonlinearity	0.15%RO (500N ~ 20kN) 0.10%RO (50kN ~ 200kN)
Hysteresis	0.15%RO
Repeatability	0.1%RO
Excitation Voltage	12V (or less)
Safe Excitation Voltage	20V
Input Resistance	420Ω
Output Resistance	350Ω
Compensated Temp.Range	-10 to 60°C
Safe Temp.Range	-30 to 80°C
Temp.Effect on Zero	0.01%RO/°C
Temp.Effect on Output	0.01%/°C
Cable	Φ8.5mm-4wire shielded cable, length: 5m



Micro Sensor Technology

SHOWA MEASURING INSTRUMENTS INC.

Tokyo Japan



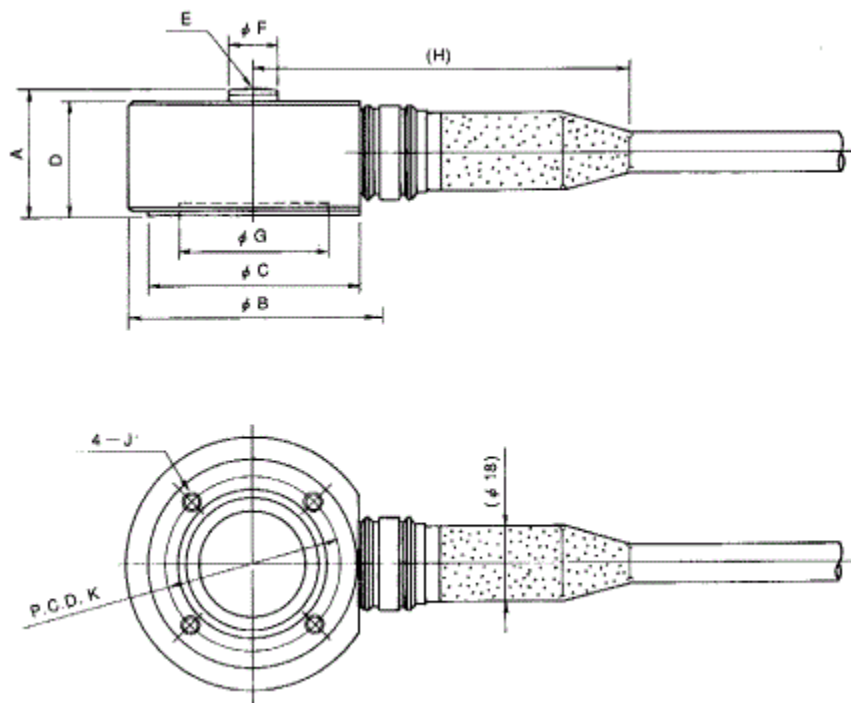
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Appearance Dimensions



Model and Capacity / Dimension / etc. (unit : mm)

Model	Capacity	A	B	C	D	E	F	G	H	J	K	Natural frequency	Weight
RCD-500NUA	500N	30	60	50	27	SR50	12	36	88	M5,6 deep	42	3.6kHz	0.5kg
RCD-1KNUA	1kN	30	60	50	27	SR50	12	36	88	M5,6 deep	42	5.4kHz	0.5kg
RCD-2KNUA	2kN	30	60	50	27	SR50	12	36	88	M5,6 deep	42	7.8kHz	0.5kg
RCD-5KNUA	5kN	30	60	50	27	SR50	12	36	88	M5,6 deep	42	13kHz	0.5kg
RCD-10KNUA	10kN	30	60	50	27	SR50	12	36	88	M5,6 deep	42	16kHz	0.5kg
RCD-20KNUA	20kN	30	60	50	27	SR50	12	36	88	M5,6 deep	42	23kHz	0.6kg
RCD-50KNUA	50kN	40	98	88	35	SR70	24	65	98	M6,12 deep	76	7.7kHz	1.6kg
RCD-100KNUA	100kN	40	98	88	35	SR70	24	65	98	M6,12 deep	76	11kHz	1.6kg
RCD-200KNUA	200kN	45	116	106	40	SR100	33	73	107	M8,15 deep	90	5.0kHz	2.9kg



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