



This is I.T. Co., Ltd.

1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.

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# RCT-M – COAXIAL BEAM TYPE AND COMPACT LOAD CELL

## Features

- Suitable for a wide range of rated capacities  
(Ranges from 10 N to 500 N)
- Compact and lightweight
- Can be installed in confined spaces
- Accuracy class: 0.1 %



## Specifications

<b>Safe Overload</b>	120%RC
<b>Rated Output</b>	1.5mV/V±20%
<b>Nonlinearity</b>	0.1% RO
<b>Hysteresis</b>	0.1% RO
<b>Excitation Voltage</b>	5V
<b>Safe Excitation Voltage</b>	8V
<b>Input Resistance</b>	350Ω
<b>Output Resistance</b>	350Ω
<b>Compensated Temp.Range</b>	-10 to 45°C
<b>Safe Temp.Range</b>	-20 to 60°C
<b>Temp.Effect on Zero</b>	0.05%RO/°C
<b>Temp.Effect on Output</b>	0.05%/°C
<b>Connector (on body)</b>	Φ2mm-4wire shielded cable, length: 3m



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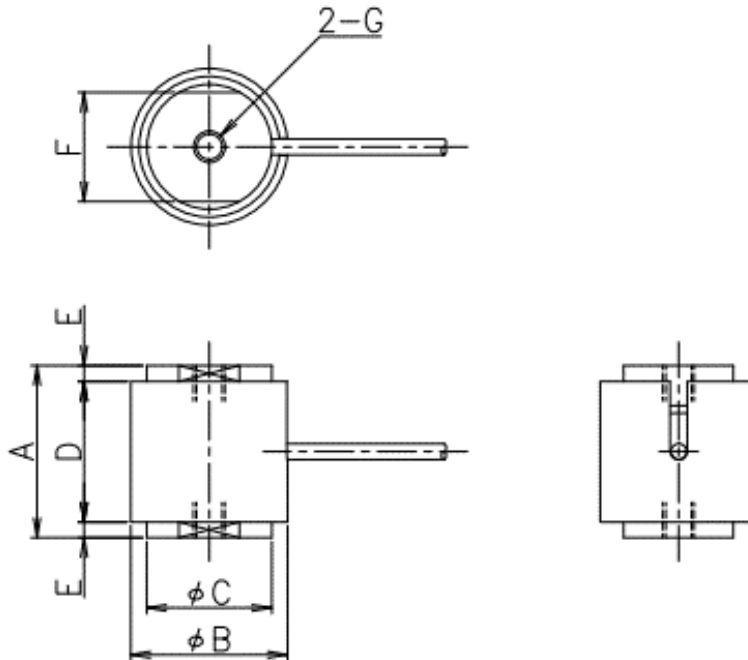
SHOWA MEASURING INSTRUMENTS INC.

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## Appearance Dimensions



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

Model	Capacity	A	B	C	D	E	F	G	Weight
RCT-10NM	10N	20	20	16	18	1	14	M3*0.5,3.5 deep	9 g
RCT-20NM	20N	20	20	16	18	1	14	M3*0.5,3.5 deep	9 g
RCT-50NM	50N	20	20	16	18	1	14	M3*0.5,3.5 deep	10 g
RCT-100NM	100N	20	20	16	18	1	14	M3*0.5,3.5 deep	10 g
RCT-200NM	200N	20	20	16	18	1	14	M3*0.5,3.5 deep	21 g
RCT-500NM	500N	22	20	16	18	2	14	M4*0.7,4.5 deep	24 g



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