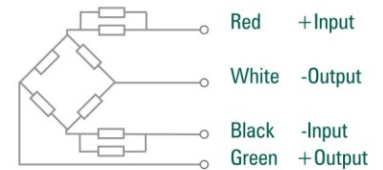


## Model : RSL 616

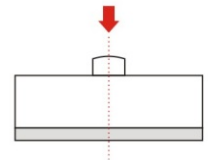
### BUTTON TYPE LOAD CELL (HIGH CAPACITY COMPRESSION LOAD CELL)



#### Wiring Schematic Diagram :



#### Load Diagram :



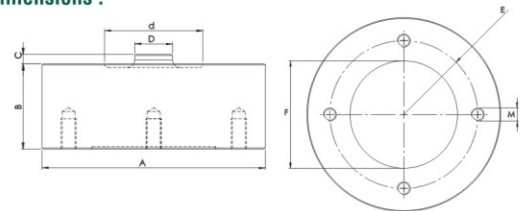
#### Features

- \* Protection to IP67
- \* Low Profile, high anti-interference
- \* Suitable for motion weighing
- \* Stainless Steel Construction

#### Applications

- \* Pharma Machinery
- \* Automation Industries
- \* Suitable for Testing Equipments
- \* Customized Design Available on request

#### Dimensions :



CAPACITY	A	B	C	D	d	F	E	M
100, 200, 500kg	50	25	5	13	32	34	42	M4*0.7
1T, 2T, 3T, 5T	60	30	5	12	36	42.5	50	M6*1
10T, 20T	118	45	5	20	52	65.4	90	M8*1.25
30T, 50T	155	50	5	44	90	103	125	M12*1.75
100T	205	60	7.5	65	130	145	165	M16*2

#### Parameters :

Rated Load (kg.) 100kg to 100Ton			
Precision	C2	Insulation Resistance(M $\Omega$ )	$\geq 20000(50VDC)$
Composition Error	0.03	Excitation Voltage (V)	9~12 (DC)
Rated Output (mv/v)	2.0 $\pm$ 1%	Compensated temp. Range ( $^{\circ}C$ )	-10~+40
Non-Linearity (%FS)	0.03/ 0.017	Use Temp. Range	-35~+65 $^{\circ}C$
Hysteresis (%FS)	0.03/ 0.02	Temp. Effect on Zero (%FS/10 $^{\circ}C$ )	0.03/0.017
Repeatability(%FS)	0.01	Temp. Effect on Span (%FS/10 $^{\circ}C$ )	0.03/0.017
Creep (%FS/30min)	0.02	Safe Overload (%FS)	120
Zero Balance(%FS)	$\pm 1$	Ultimate Overload (%FS)	150
Input Resistance ( $\Omega$ )	750 $\pm$ 10	Defend Grade	IP67
Output Resistance ( $\Omega$ )	700 $\pm$ 2	Cable	6mm, 5mtr.

