

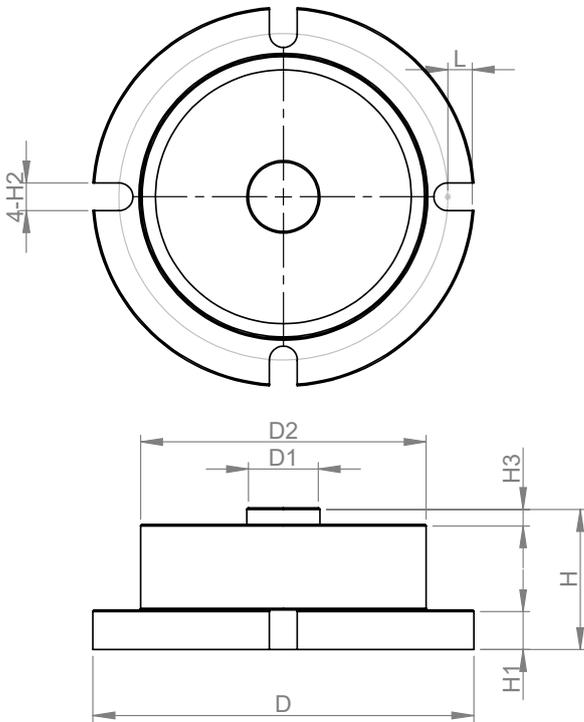
# SC201

## Button Type Load Cell



**Application:** Electronic weighing truck scales, silo scale, tank scale, mixer scale, hopper scales.

**Size: mm**



### Specification:

<b>Capacity</b>	1T,2T,3T,5T,10T, 15T,20T, 30T
<b>Rated output</b>	2.0±0.05 mV/V
<b>Accuracy class</b>	C1:0.05% F-S C2:0.03% F-S
<b>Combined error</b>	≤±0.030% F-S
<b>Creep</b>	0.015% F-S/30min
<b>Temp. effect on sensitivity</b>	0.016% F-S/°C
<b>Temp. effect on zero</b>	0.002% F-S/°C
<b>Zero balance</b>	±1.0% F-S
<b>Input resistance</b>	725±8 Ω
<b>Output resistance</b>	700±3 Ω
<b>Insulation resistance</b>	5000 MΩ(50V)
<b>Excitation voltage</b>	10~18V
<b>Compensated temp. range</b>	-10~+40° C
<b>Operating temp. range</b>	-35~+80° C
<b>Safe overload</b>	150% F-S
<b>Ultimate overload</b>	200% F-S
<b>Load cell material</b>	Alloy steel
<b>Connecting cable</b>	Φ5.7x6m

Capacity	D	D1	H	H1	H2	L	D2	H3
1t	Φ115	Φ22	43	12	8.4	8	86	5
2t	Φ120	Φ26	45	12	8.4	8	90	5
3,5t	Φ128	Φ20	46	12	10.4	7	100	5
10t	Φ160	Φ40	63	15	10.4	10	100	10
15t	Φ194	Φ42	68	20	12.4	12	154	10
20t	Φ220	Φ44	73	22	12.4	12	170	10
30t	Φ230	Φ48	78	25	12.4	12	188	10

### Wiring

