

NAGARJUN TECHNOVISION Load Cell

Model-LD-20

Part Number-LD-20-SS20.

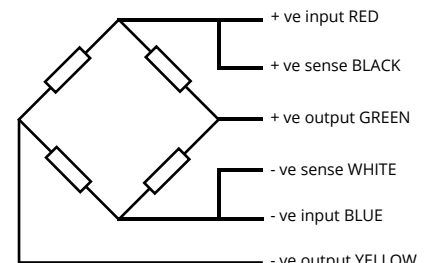


Specification

- Stainless steel load sensor Fully welded and hermetically sealed
- construction to IP68/IP69K
- Simple installation
- Load cell is always in tension
- Tough and durable painted mounting accessory, with Stainless Steel option
- Integral lift-off prevention
- Ideal in mixer and vibrating applications
- Unique damping feature

	Load cell specification	Units
Load Cell Capacities (Emax) Accuracy Class	2000, 5000, 10000	kg
	3000	n.OIML
Rated Output (Sn)	2	mV/V \pm 0.25%
Combined Error	< \pm 0.017	% Sn
Non-repeatability	< \pm 0.015	% Sn
Temperature Effect on Zero Balance	< \pm 0.002	% Sn / °C
Temperature Effect on Span	< \pm 0.0012	% Sn / °C
Compensated Temperature Range	-10 to +40	°C
Operating Temperature Range	-40 to +80	°C
Safe Overload	150	% Emax
Ultimate Overload	300	% Emax
Zero Balance	< \pm 2	% Sn
Input Resistance	380	$\Omega \pm$ 30
Output Resistance	350	$\Omega \pm$ 5
Insulation Resistance	> 5000	M Ω @ 100V
Recommended Supply Voltage	5 - 15	V
Maximum Supply Voltage	15	V
Environmental Protection	IP68 / IP69K	
Cable Length	10	m
Cable Material	Polyurethane	
Nominal Shipping Weight - load cell	4	kg
Nominal Shipping Weight - accessory	14	kg

Dimensions in mm



Electrical Connections

Via 6-core, 5.7mm outer diameter, screened Polyurethane cable (halogen free). Screen not connected electrically to load cell.

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