

SINGLE ENDED SHEAR BEAM DLC

Model : SQB_D

load cells are pre-calibrated with standard weights and are capable of transmitting direct weight output in digital form to weight indicators. These small capacity single ended shear beam digital loadcells, prove good in tank weighing and other such applications, where calibration with test weight is a very big difficulty.



Digital Loadcell Features

- Pre calibrated : No need of calibration or corner adjustments in field
- Linear output through out full range
- Highly temperature compensated
- Signal integrity against external electrical noise
- Better accuracy,
- Very simple & Easy installation procedure Long distance signal communication between weighbridge indicator and loadcell (Upto 1200 m)
- Advanced in-built Surge/Lightning protection exceeding IEC 61000-4-5 standard
- Tamper proof for weight integrity Easily Field replaceable, as factory calibrated

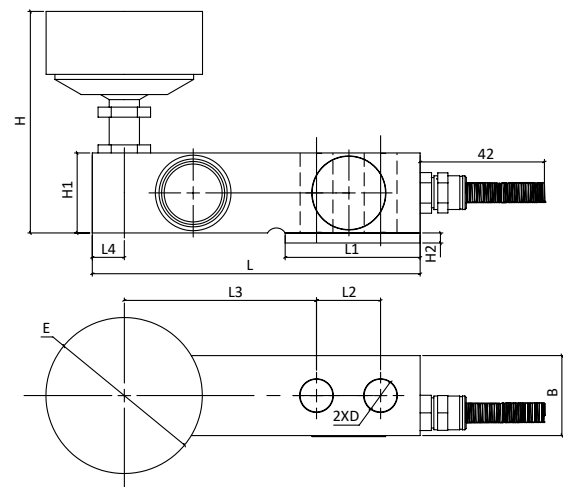
Salient Features

- Specifically designed cables suitable for harsh environment and better noise immunity
- 3to 5 meter standard cable length
- One year warranty against any manufacturing defect
- Strong technical support for field or design related issues

Technical Specifications

Capacity	250kg, 500kg, 1ton, 1.5ton, 2ton, 2.5ton, 3ton, 5ton
A/D module resolution	1000000 internal counts
Maximum safe overload	150% F.S.
Ultimate overload	180% F.S.
Combined Error	± 0.02 %F.S.
TC ZERO	±0.02% F.S. /10°C
TC SPAN	±0.02% F.S. /10°C
Recommended excitation	8 ~ 12V DC
Max excitation	15V DC
Protection class	IP67 (0.25 ~ 0.75t) IP68 (1 ~ 5t)
Material	Alloy steel 3m
Cable Length	(0.25 ~ 2.5t) 4.2m 3 ~ 5t)
Data refresh rate	112 Hz
Baud Rate	9600 BPS
Signal Transmission Distance	1200 mtr

Rated Load (t)	L	L1	L2	L3	L4	B	H	H1	H2	DE
0.1~2.5	130	53.5	25.4	76.2	12.7	31.8	85~90	31.8	4	φ62
3~5	171.5	72.5	38.1	95.3	19	38.1	104~114	38.1	6	φ62
7.5~10	225.5	102	50.8	124	25.3	50.8	132~144	50.8	8	φ80



Connections

Excitation +:Red

Excitation -:Black

Signal + :Green

Signal - :White

Marketed by:

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