

SBD Load cell, 10t~50t, double-ended shear beam



Features:

- Double-ended shear beam load cell
- High accuracy
- Easy installation
- Excellent durability
- Excellent compatibility
- Alloy steel with nickel plated
- Protection class IP67

Specification

Rated capacity	t	10,20,25,30,50
Rated output	mV/V	2 ± 0.002
Non repeatability	%R.O.	≤ 0.01
Hysteresis	%R.O.	$\leq \pm 0.02$
Non linearity	%R.O.	$\leq \pm 0.02$
Creep(30min)	%R.O.	$\leq \pm 0.02$
Zero balance	%R.O.	$\leq \pm 1$
Temp. Compensated range	°C	-10~+40
Operating temp. Range	°C	-20~+65
Temp. coefficient on output	%Load/°C	$\leq \pm 0.002$
Temp. coefficient on zero balance	%R.O./°C	$\leq \pm 0.002$
Input resistance	Ω	772 ± 4
Output resistance	Ω	700 ± 1
Insulation resistance	M Ω	≥ 5000 (at 50 VDC)
Recommended voltage	V(DC/AC)	5~15
Max. excit. voltage	V(DC/AC)	20
Safe overload	%R.C.	150
Ultimated overload	%R.C.	300
Protection class		IP67
Cable length	m	13

1) For the cable color code of SBD load cell please refer to our data sheet SB...

2) Optionally available with service temperature range up to 150°C (310°F).

