



# MODEL IDS636 Series SDS Load cell

SDS LOAD CELL  
HIGH PRECISION  
& PERFORMANCE

## Features

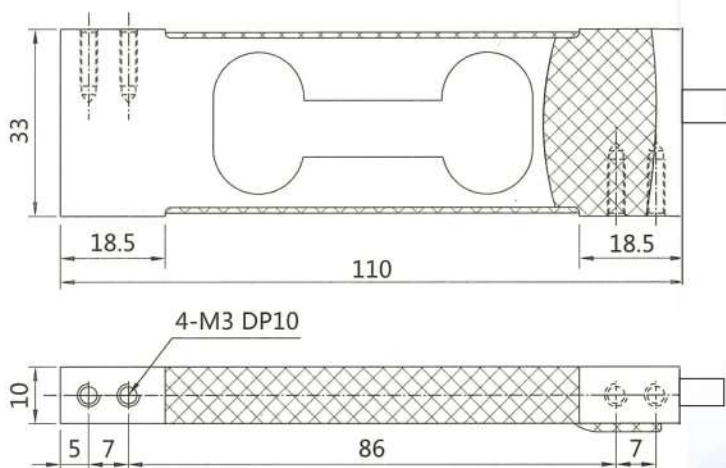
- Aluminium construction
- High precision
- Single point load cell for balance



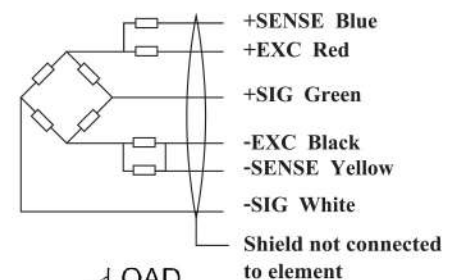
## Specification

PARAMETER	VALUE	UNIT
Capacity	0.3, 0.6, 1.2, 1.5, 3	kg
Rated output	1 ± 0.2	mV/V
Zero balance	± 0.05	mV/V
Input resistance	405 ± 10	Ohms
Output resistance	350 ± 2	Ohms
<b>Non linearity</b>	<b>± 0.01</b>	<b>% R.O.</b>
<b>Hysteresis</b>	<b>± 0.01</b>	<b>% R.O.</b>
Non-repeatability	0.01	% R.O.
Creep	± 2	µV / 12V / 80% R.O./1min
<b>Zero shift</b>	<b>± 2</b>	<b>µV / 12V / 80% R.O./1min</b>
<b>Power on stability</b>	<b>± 2</b>	<b>µV / 12V / 2 min</b>
Temperature effect on zero	± 0.05	% R.O / 10 °C
Temperature effect on rated output	± 0.02	% R.O / 10 °C
Operating temperature range	-10 ~ +40	°C
Excitation recommended	4 ~ 12	V
Safe overload	150	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length	ø 4 mm x 0.4 m	

All specifications listed are subject to change without notice.



### Color code of cable



LOAD

Check zero balance



Bottom frame