



# MODEL IDS601 Series

## SDS Load cell

SDS LOAD CELL  
HIGH PRECISION  
& PERFORMANCE

### Features

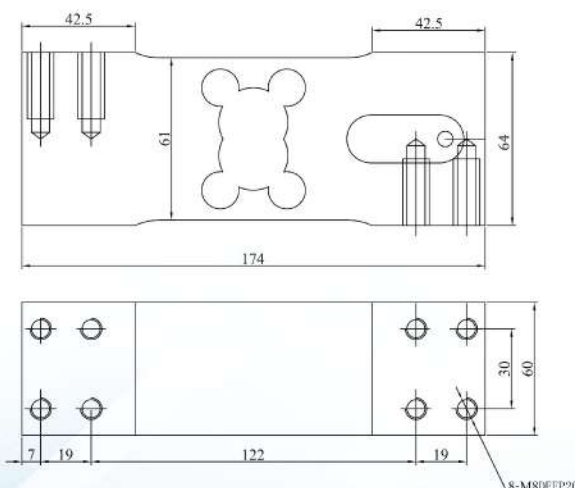
- Single point bench scale
- Aluminium construction
- Japanese technology applied
- Special rubber for high humidity protection



### Specification

PARAMETER	VALUE	UNIT
Capacity	60,100,150,200,300,500,800,1000	kg
Rated output	$2 \pm 0.2$	mV/V
Zero balance	$\pm 0.05$	mV/V
Input resistance	$410 \pm 10$	Ohms
Output resistance	$350 \pm 3$	Ohms
<b>Non linearity</b>	<b><math>\pm 0.012</math></b>	<b>% R.O.</b>
<b>Hysteresis</b>	<b><math>\pm 0.012</math></b>	<b>% R.O.</b>
Non-repeatability	0.01	% R.O.
Creep	$\pm 2$	$\mu\text{V} / 12\text{V} / 80\% \text{ R.O.} / 1\text{min}$
<b>Zero shift</b>	<b><math>\pm 2</math></b>	<b><math>\mu\text{V} / 12\text{V} / 80\% \text{ R.O.} / 1\text{min}</math></b>
<b>Power on stability</b>	<b><math>\pm 2</math></b>	<b><math>\mu\text{V} / 12\text{V} / 2 \text{ min}</math></b>
Temperature effect on zero	$\pm 0.05$	% R.O. / 10 °C
Temperature effect on rated output	$\pm 0.02$	% R.O. / 10 °C
Excitation recommended	5~15	V
Safe overload	150	% R.O.
Insulation resistance	$\geq 5000 (50 \text{ VDC})$	Mega-Ohms
Cable , Length		$\varnothing 5\text{mm} \times 2\text{m}$

All specifications listed are subject to change without notice.



Color code of cable

