



MODEL IDS678 Series SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

- Load cell is made of stainless steel (17-4PH).
- Low profile and low weight permit to install easily on pedal.
- Minimum measurement errors.
- Simplicity of installation.
- High protection class (IP65) permits to install outside and in premises.



Specification

Compatible with NK-SS KELI

PARAMETER	VALUE	UNIT
Capacity	100 , 200 , 300 ,500	N
Rated output	1.0 - 1.5	mV/V
Zero balance	± 1	% F.S.
Input resistance	350 ± 50	Ohms
Output resistance	350 ± 3	Ohms
Non linearity	± 0.5	% F.S.
Hysteresis	± 0.5	% F.S.
Non-repeatability	0.5	% F.S.
Creep	± 0.1	μ V / 12V / 80 % F.S./1min
Zero shift	± 2	μV / 12V / 80 % R.O./1min
Power on stability	± 2	μV / 12V / 2 min
Temperature effect on zero	± 0.1	% F.S. / 10 °C
Temperature effect on rated output	± 0.1	% F.S. / 10 °C
Excitation recommended	± 5 ~ 15	V
Safe overload	150	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length		ø 2-3 mm. x 1.5 m.

All specifications listed are subject to change without notice.

