



MODEL IDS671 Series SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

- Wheel shaped load cell, shear beam
- Potted seal or hermetically sealed, IP67 or IP68
- Material: Alloy steel or stainless steel

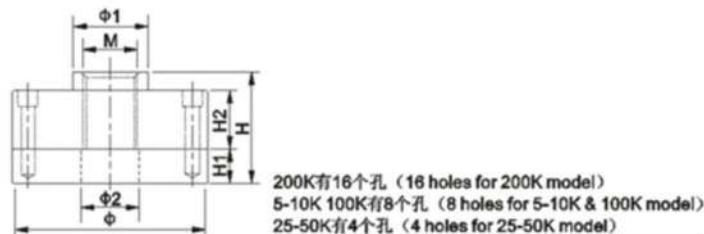


Specification

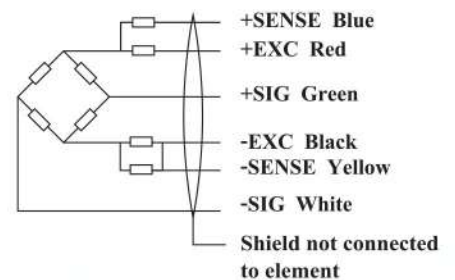
Interchangeable Product GY-3

PARAMETER	VALUE	UNIT
Capacity	0.5~100	T
Rated output	2 ± 10 or 4 ± 10	mV/V
Zero balance	± 1	mV/V
Input resistance	385 ± 10 or 765 ± 15	Ohms
Output resistance	350 ± 3 or 700 ± 5	Ohms
Non linearity	± 0.03	% R.O.
Hysteresis	± 0.03	% R.O.
Non-repeatability	0.02	% R.O.
Creep	± 2	µV / 12V / 80% R.O./1min
Zero shift	± 2	µV / 12V / 80% R.O./1min
Power on stability	± 2	µV / 12V / 2 min
Temperature effect on zero	± 0.05	% R.O / 10 °C
Temperature effect on rated output	± 0.02	% R.O / 10 °C
Operating temperature range	-20 ~ +60	°C
Excitation recommended	4 ~ 10	V
Safe overload	120	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable,Length	∅ 5 mm x 15 m	

All specifications listed are subject to change without notice.



Color code of cable



Capacity	Size mm							
	A	0	1	2	H	H1	H1	M
T								
0.5-7.5	88.9	104.7	34.0	18.0	53.8	19.0	31.8	M16 x 1.5
10-25	101.6	120.7	38.9	34.0	77.8	24.0	41.1	M32 x 1.5
50	116.8	140.0	50.4	42.0	86.2	29.0	50.8	M40 x 1.5
60-100	162.0	200.0	76.0	64.0	125.0	42.0	70.0	M60 x 2