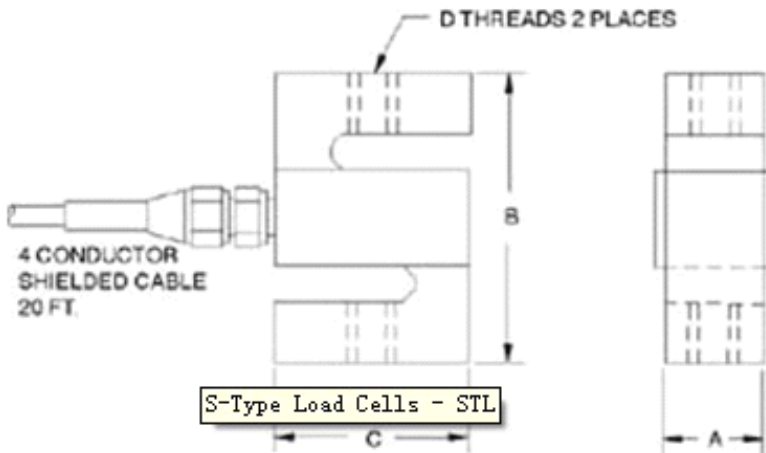


**LOAD CELL MODEL STL**



**STL**

CAPACITY (lb)	A	B	C	D
25 — 200	0.50	2.50	2.00	1/4—28
250 — 1.5K	0.75	3.00	2.00	1/2—20
2K — 3K	1.00	3.00	2.00	1/2—20
5K — 10K	1.00	4.25	3.00	3/4—16
15K	1.25	5.50	4.00	1—14
20K	2.00	7.00	5.00	1 1/4—12
40K	2.40	7.40	5.50	1 1/2—12

**GENERAL**

--Compacted in design, S-type structure, Multilayer seal design to ensure compliance with IP67;  
--Heat-treated special alloy steel load cell bodies, good performance...

**TECHNICAL PARAMETER  $g=9.80308 \text{ m/s}^2$**

Capacity ( $E_{max}$ )	25, 50, 100, 150, 200, 250, 500, 750, 1k, 1.5k, 2k, 2.5k, 3k, 5k, 10k, 15k, 20k, 40k lb
Sensitivity	3.0mV/V $\pm$ 1%
Total Error	$\pm$ 0.02%F.S
Recommended Excitation	10~12V(DC)
Input Resistance	385 $\pm$ 30 $\Omega$
Output Resistance	350 $\pm$ 5 $\Omega$
Insulation Resistance	$\geq$ 5000M $\Omega$
Creep (30min)	$\pm$ 0.02%F.S
Zero Balance	$\pm$ 2%F.S
Nonlinearity	< 0.02%F.S
Hysteresis	< 0.02%F.S
Repeatability	< 0.02%F.S
Safe Overload	150%F.S
Ultimate Overload	300%F.S
Temperature Coefficient	$\pm$ 0.02%F.S/10 $^{\circ}$ C
TC SPAN	$\pm$ 0.02%F.S/10 $^{\circ}$ C
Operating Tem. Range	-20~+60 $^{\circ}$ C

**CABLE CONNECTION**

--Cable length 6m,  $\Phi$  5.9mm  
--Formed by 4-wire and covered Teflon mesh shielding more isolated from the metal body and overall black PVC cover.  
--Exc +: Red; Exc -: Black;  
Sig +: Green; Sig -: White

**NOTES ON INSTALLATION**

--During the installation, liftinglug screw-heads should not too deep to touch load cell mid-part.  
--Overload is forbidden.  
--Load cells Power off during installation.

