

Model IDS609



SDS LOAD CELL



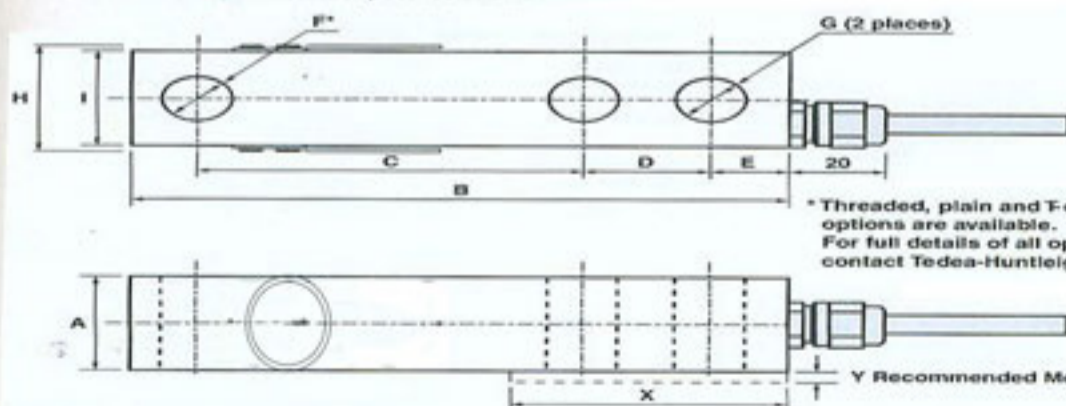
Specification

Capacity	t	0.5/1/2/2.5/3/5.
Accuracy class		C3
Combined error	(%FS)	$0 \leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.016$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.011$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.015$
Output sensitivity	(mv/v)	2.0 ± 0.002
Input resistance	(Ω)	380 ± 10
Output resistance	(Ω)	350 ± 3
Insulation resistance	(M Ω)	$\geq 5000(100VDC)$
Zero balance	(%FS)	1.0
Temperature, compensated	(°C)	-10 - +40
Temperature, allowed	(°C)	-35 - +65
Excitation, Recommended	(V)	5 - 12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	120
Ultimate overload	(%FS)	150

All specifications listed subject to change without notice.

OUTLINE DIMENSIONS in millimeters

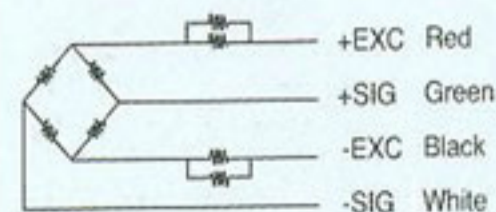
Outline Dimensions All Capacities in mm



* Threaded, plain and F-end options are available. For full details of all options contact Teda-Huntleigh.

Y Recommended Mounting Spacer

Color code of cable



CAPACITY	A	B	C	D	E	ØF	ØG	H	I	X	Y
1000, 1500, 2500, 4000lb	30.5	130	76.2	25.4	16	Ø13.5	Ø13.5	34.0	30.5	57	4
250, 500, 1000kg	30.5	130	76.2	25.4	16	M12*	Ø13.5	34.0	30.5	57	4
2000kg	36	130	76.2	25.4	16	M12*	Ø13.5	34.0	30.5	57	4

* Tapped M12 X 1.75 & counterbored Ø13.5 X 14.5 Deep