

Web Tension Load Cell



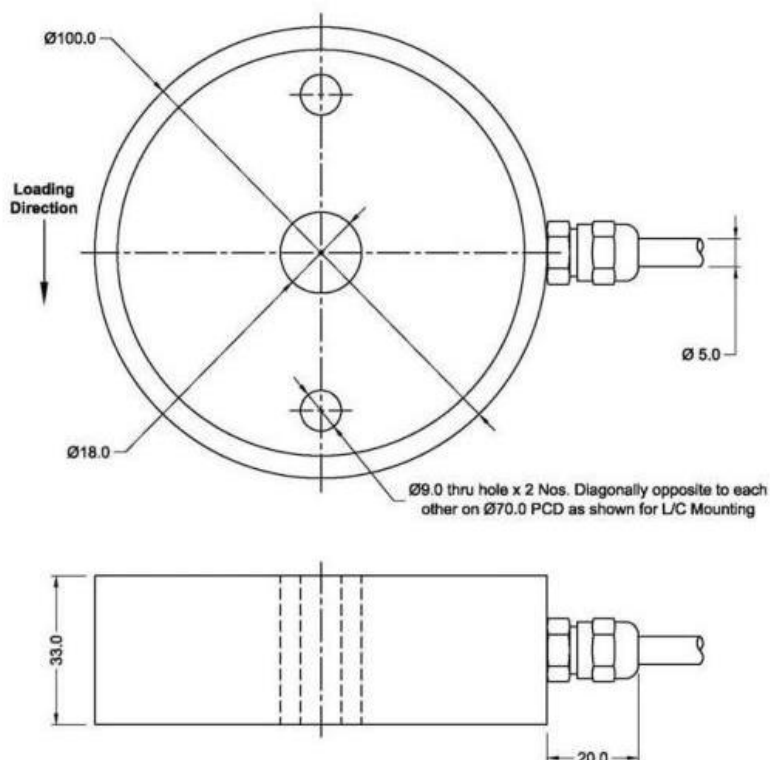
SPECIAL FEATURES

- Easy to Install
- Temperature Compensated
- Good Reliability

SPECIFICATION

Model	LWT – 11, 21, 51, 12
Rated Load Capacity	10, 20, 50, 100 kgs
Rated Output Sensitivity	1mV/V $\pm$ 0.25%
Input Resistance	350 $\pm$ 10 Ohms
Output resistance	350 $\pm$ 3 Ohms
Excitation Voltage	10 to 12 Volts DC/AC (RMS)
Non Linearity	$\pm$ 0.50% of Rated Output
Hysteresis	$\pm$ 0.50% of Rated Output
Non Repeatability	$\pm$ 0.10% of Rated Output
Zero Balance	2% of Rated Output
Operatable Temperature Range	0°C to 65°C
Storage temperature Range	-20°C to 85°C
Temperature Effect on Zero	0.005% of Rated Output/°C
Temperature Effect on Output	0.010% of rated Output /°C
Over load rating, Safe	150% of Rated Capacity
Power load rating (Ultimate)	200% of Rated Capacity



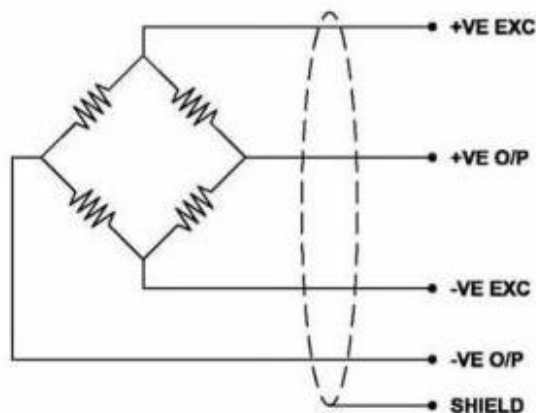


NOTE : The Roller Shaft Dia should be 17.0 mm bearing fit to suit ID of SKF - 6203 Bearing

Connection Details

Input	Output
RED	+VE EXCITATION
WHITE	+VE OUTPUT
BLACK	-VE EXCITATION
GREEN	-VE OUTPUT
BROWN	SHIELD

Electrical Information



*Specification subject to change without notice



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