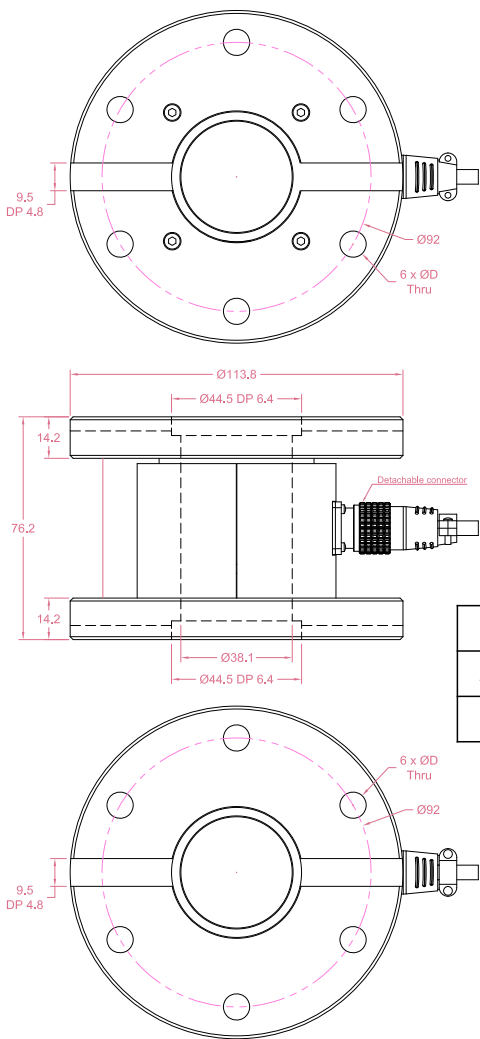

Dimensions in “mm”



Capacity	D
20~700Nm	9
1000Nm	11

Al: 365usd/pc
S.S: 479usd/pc

Order example:

1 x TFF600 - 100Nm

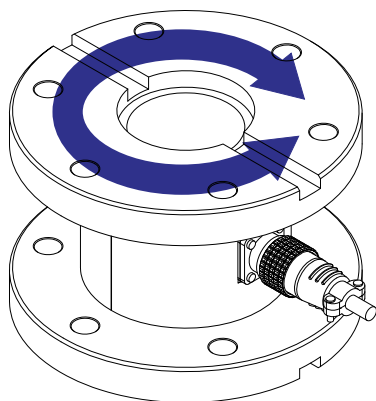
Quantity Model Capacity

Email to sales@loadcellsensor.com for a quote

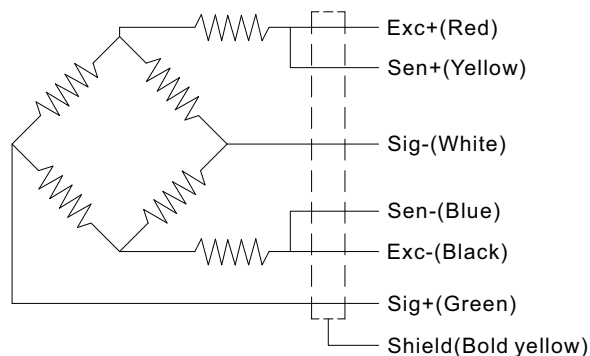
Specifications			
Rated Capacity	20/50/100/200/300/500/700/1000 Nm		
Rated Output	1.0 mV/V	Compensated Temp.	0...+40℃
Excitation	3~15V	Operating Temp.	-20...+60℃
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.02% F.S./℃
Nonlinearity	±0.2% F.S.	Temp. Coeff. of Span	±0.02% F.S./℃
Hysteresis	±0.2% F.S.	Input Resistance	700±100 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	700±10 Ohms
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP50
Breaking Load	200% F.S.	Element Material	≤300Nm Aluminum alloy ≥500Nm Stainless steel
Cable	Ø5.8*3000mm 6-conductor shielded cable		

• LCS reserves the right to modify its design and specifications without notice

Load direction



Wiring Code@Clockwise



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
TFF600	3-15V (Constant)	-15mV...+15mV (Depending on the power supply)
TFF600 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V,0-2.5-5V,0-5-10V -3.3-3.3V,-5-5V,-10-10V 0-20mA,4-20mA,4-12-20mA...
TFF600 + Digital amplifier	12~24V DC	RS485 or RS232 output
TFF600 + Indicator	12~24V DC	Display force value Switch output Peak holding RS485/RS232 interface 0-5V/0-10V/4-20mA output
Email us for datasheet of amplifier and indicator		

Customization options

Cable (Length/Specifications/Connectors)
Dimensions and measuring range

CERTIFICATE OF CALIBRATION

Date: 2022-09-05

Temperature: 22°C

Item No.	TFF600-500Nm		
Rated Output	1.0036 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.05mV/V	Temp. Shift Zero	±0.02% F.S./°C
Nonlinearity	±0.2% F.S.	Temp. Shift Span	±0.02% F.S./°C
Hysteresis	±0.2% F.S.	Input Resistance	700±100Ω
Nonrepeatability	±0.1% F.S.	Output Resistance	700±10Ω
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000MΩ(50V)
Safe Overload	150% F.S.	Ingress Protection	IP50
Ultimate Overload	200% F.S.	Material of Element	Stainless steel
Cable	Ø5.8*3000mm		
Wiring code @ Clockwise	Red: Exc+ Black: Exc- Yellow: Sen+ Blue: Sen- Green: Sig+ White: Sig- Bold Yellow: Shield		
S/N:F220905126			

Test Data @ Clockwise

Load (Nm)	Output(mV/V)	
	Increase	Decrease
0	0	0.0002
100	0.2011	0.2017
200	0.4022	0.4029
300	0.6030	0.6038
500	1.0036	
	Nonlinearity	Hysteresis
	0.09%	0.08%

P:3/3