

FTCN Series

Tension/compression load cell – pancake style

Ref : 3400

Rev : D



DESCRIPTION

This type of very high-capacity sensor is intended to be used in traction or compression, specially developed for fatigue testing applications. Its advantages are to ensure a low deformation and insensitivity to transverse forces. Its IP 66 protection and stainless-steel body ensure great robustness.

MESUREX is a sensor manufacturer. We can adapt most sensors to your needs. Please [contact us](#).

MEASURING RANGES

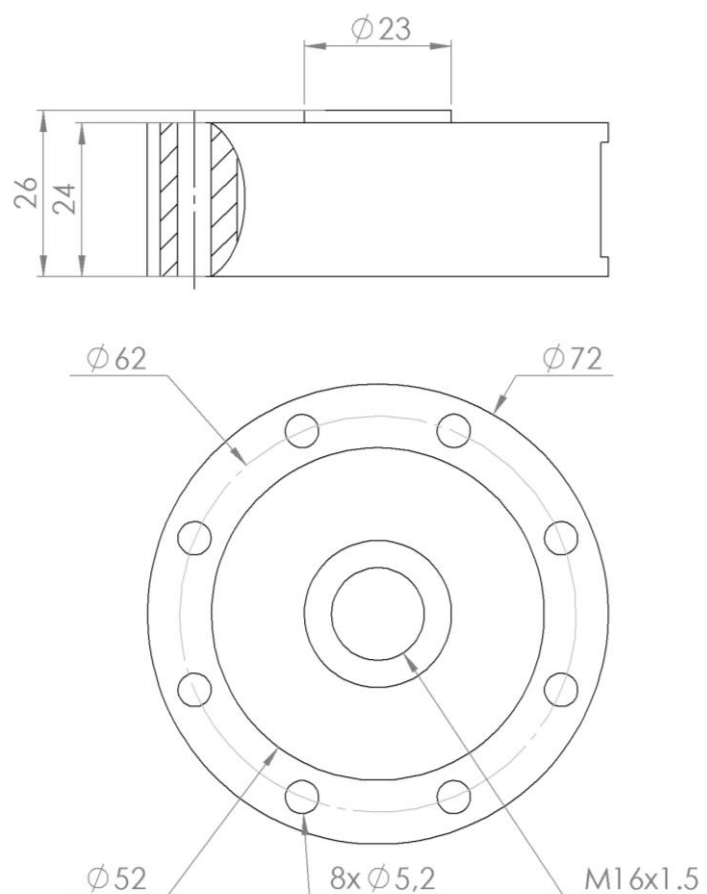
Measuring range (in N)	100	200	500	1 000	2 000	5 000	10 000	20 000
Max over range	1.5xFSO	1.5xFSO	1.5xFSO	1.5xFSO	1.5xFSO	1.5xFSO	1.5xFSO	1.5xFSO
Construction material	AU4G T4	AU4G T4	AU4G T4	APX4	APX4	AU4G T4	APX4	APX4

TECHNICAL DATA

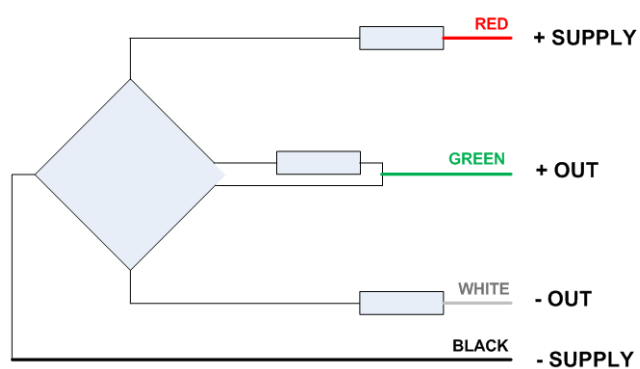
PARAMETERS	VALUES	NOTES
Voltage supply	10 Vcc	
Operating temperature range	-20°C to 80°C	High temperature option
Storage temperature	-30°C to 85°C	
Compensated temperature	0°C to 60°C	
Precision	0.1%	
Input impedance	350 at 700 Ω	
Output impedance	350 at 700 Ω	
Signal at FSO	1.5 mV/V	
Exit	Connector + 2m cable	
Calibration	Traction / compression	Optional
Protection rating	IP 66	

DIMENSIONS

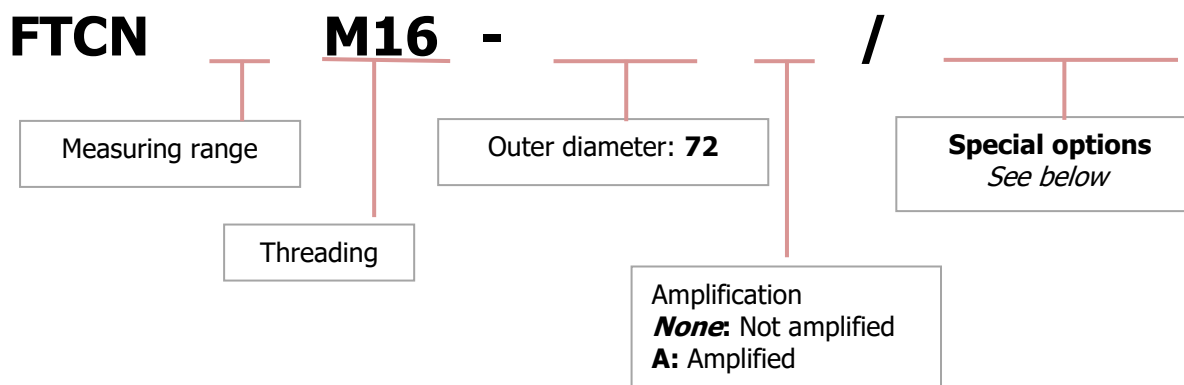
FTCN-N-72



WIRING PLAN



ORDER INFORMATION



- **Special options**

OPTION	INDICATION
Cable length	Length in meter (M)
Calibration	
Operating temperature	-50°C to 150°C

Example: **FTCN20KN-72 /L5M**

- Measuring range: 20 000 N
- Thread: M16
- Outer diameter: Ø 72
- Cable length: 5 meters

CONTACT

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