

ATS-422

MINI STATIC TORQUE TRANSDUCER



DESCRIPTION

ATS-422 Mini Static Torque Transducer are specially designed for measurement of Static Torque.



APPLICATIONS

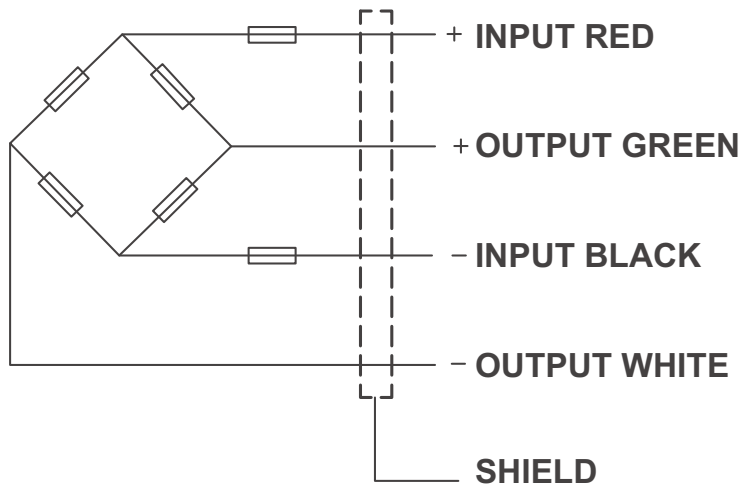
- Marine & Hydropower
- Automotive & Aerospace Test Ring
- Axle / Shaft / Valve Actuator Testing



KEY FEATURES

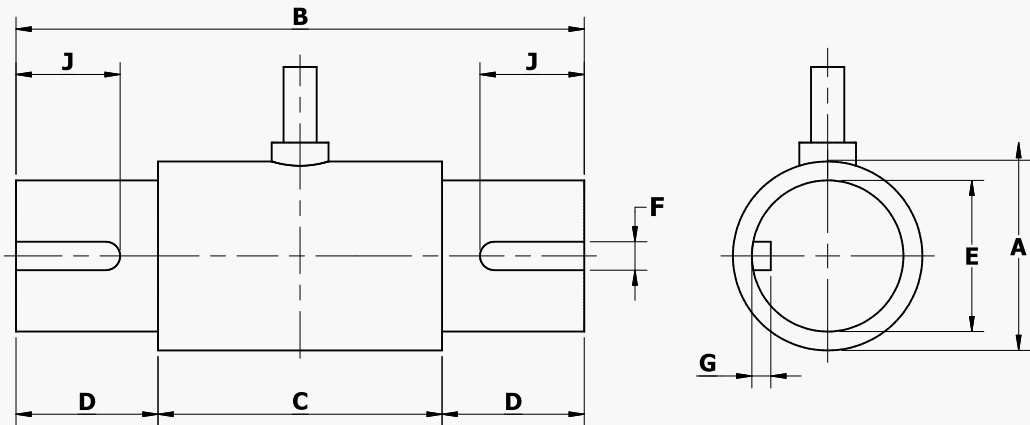
- Compact Size
- Aluminum Construction
- Custom Design as per Application

Electrical Termination



SPECIFICATION

Rated Capacity (NM)	: 5, 10
Excitation Voltage	: 10 VDC - Maximum 15 VDC
Full Scale Output	: 2.0 mV / V
Non - Linearity	: <± 0.1% Full Scale Output (FSO)
Hysteresis	: <± 0.1% FSO
Non-Repeatability	: <± 0.1% FSO
Creep error (30 minutes)	: <± 0.3% FSO
Zero Load Output	: ±1.0% FSO
Input Resistance	: 392 ± 10 Ohms
Output Resistance	: 350 ± 10 Ohms
Insulation Resistance	: >1000 Mega Ohms
Safe Overload	: 150%
Ultimate Overload	: 250%
Temperature Compensated Range	: 10 to 60°C
Temperature Effect at Full Load	: <0.05 % FSO/° C
Temperature Effect at Zero Load	: <0.05 % FSO/° C
Rotational Angular Deflection	: < 0.2 at FSO
Finish & Construction	: Aluminum Alloy / Stainless Steel 17-4PH
Environment Protection	: IP 65



Capacity N.M	A	B	C	D	E	F	G	J
5, 10	18.5	65	35	15	15	5	3	15

All Dimensions are in mm



ADI CONTROLS

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