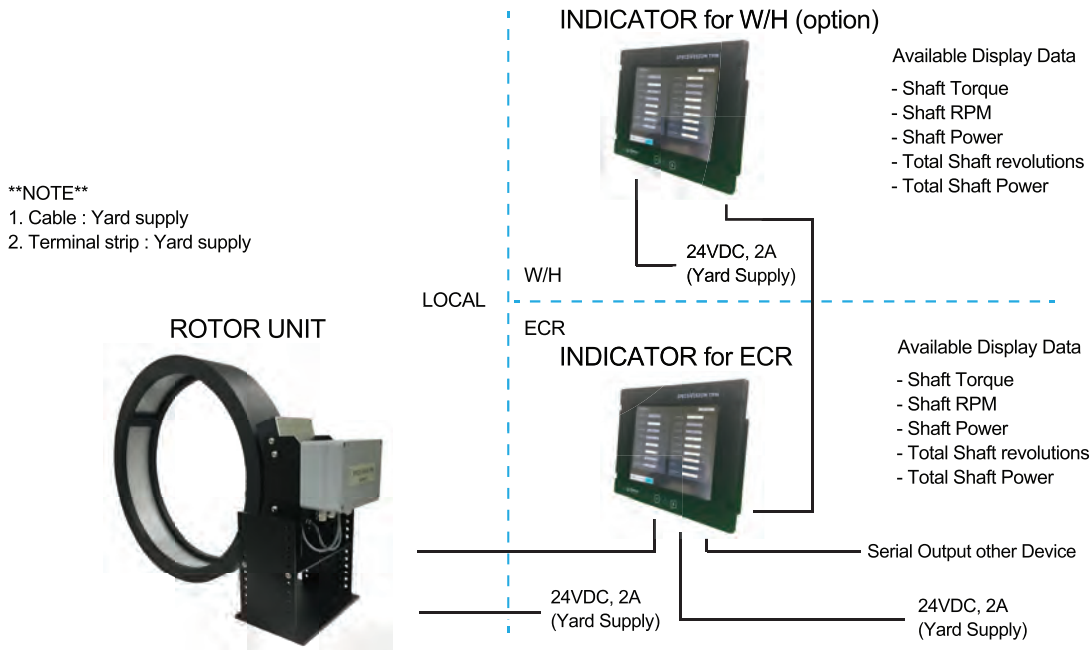
SPECSVISION-TPM

Shaft Torque Power RPM Meter

SPECS Shaft Torque Power RPM Meter is simple, but it can measure and display shaft torque, thrust, power, RPM, rotating direction, accumulated rotations which are transferred from the main engine to the propeller by adopting strain gage and proximity sensor technique.
It is easy to install on all kinds of vessels both new and existed. Both metric and SI are available.

CONFIGURATION



SYSTEM FEATURES

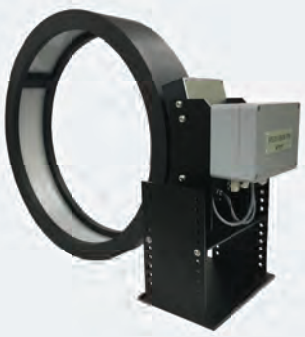
- Easy to install by using simple bracket arrangement - No shaft modifications
  Robust design for operation in particular environments
- Various outputs available for all data logging requirements
- Maximum shaft speed of 1500rpm for all shaft sizes
- High accuracy and repeatability
- Optional thrust measurement
- Not affected by any pollutional or hazardous materials
- Digital data transmission for clean reliable data
- Simple calibration setup for increased accuracy of torque data
- Large on-shaft tolerance makes it easy installation
- Single or dual shaft applications
- Maintenance free operation owing to no mechanical wear

SPECSVISION-TPM

Shaft Torque Power RPM Meter

TECHNICAL SPECIFICATIONS

SHAFT SPECIFICATION	
Measurable Shaft Diameter Range	200 ~ 1000 mm
EQUIPMENT SPECIFICATIONS	
Sensing Element	
Torque	Strain gauge
Thrust	Strain gauge
Shaft Revolution	Magnetic sensing
Control Display Unit	Master(ECR)/Slave(W/H) mode installed on engine control room
Display	Shaft torque, RPM, shaft power Rotating direction, thrust(optional) Accumulated shaft power and revolutions
Communication	Analog output (4-20mA), serial output (RS-485/422)
Dimensions	W210 X H150 X D140 mm
Remote Indicator	Installed on W/H as a optional indicator
Display	Shaft torque, RPM, shaft power Rotating direction, thrust(optional) Accumulated shaft power and revolutions
Communication	Analog output (4-20mA), serial output (RS-485/422)
Dimensions	W210 X H150 X D140 mm
SPECSVISION TPMII	TPM-II can receive additional data from ship (fuel oil flow, fuel oil temperature, ship speed) and calculates ship's performance. This can help to determine the efficiency of the ship.



Specs® trusted VISION