

# TORQ-SUB

## Wireless Monitoring Sensor

Designed to work with Torq-Tek unit, Torq-Sub delivers accurate and reliable make-up torque and string working parameters, building well integrity.

### Torq-Sub Wireless Sensor

Used in combination with any CRT, the wireless sensor records torque, turns and hook load for connections make-up or reaming operations. The intrinsically safe transmitter allow to monitor and send on real time the data through wireless communication to the Torq-Tek unit, eliminating the use of cables.

All the data transmitted wirelessly to the remote antenna is processed and visualize though the data Computer.

### Standard Features:

- Designed to be installed on any Top Drive and CRT.
- Continuously logged if required for reaming or drilling operations.
- Higher accuracy during connection make-up.
- Two independent electronic wireless transmitters, having always a backup on place.
- High-capacity thread connections.



Specifications		
Top Connection	4-1/2" NC50 DS Box up	6-5/8" DS Reg Box up
Bottom Connection	6-5/8" DS Reg Pin down	6-5/8" DS Reg Pin down
Maximum Torque	75K ft-lbs	75K ft-lbs
Maximum Hoisting	500 ton	
Torque/Tension Accuracy	Under $\pm 1\%$ of full scale	
Battery Life	14 days under normal operation	
Turns Resolution:	1,000 pulses per Revolution	
Ambient Range	-20°C to +60°C	
Design Standard	API 8C	
Compliance	ATEX Zone 1 / IECEx	
Length (ft.)	32-1/8"	
Total Weight (lbs.)	417 lb approx.	

Energy. Well engineered.

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