

Hammer Union Pressure Sensor

Measures standpipe and casing pressure for mud-logging and electronic drilling-recorder systems, onshore and offshore

Features

- Complete internal media system that complies with NACE MR017
- 4- to 20-mA output in which the polling interval is determined by field instrumentation

Advantages

- The ruggedly designed hammer union pressure sensor is highly resistant to shock, vibration, and corrosion(including sour-gas corrosion); and it requires virtually no field maintenance.
- The sensor meets safety requirements that enable its use in potentially explosive environments

Certifications

- Baseefa EEX ia IIC T4 amb 176°F (80°C)
- Baseefa 02ATEX0235X/4
- FM/CSA Intrinsic Class 1, Division 1
- Groups A, B, C, and D
- CE marked

Tool Description

Designed for extremely harsh drilling environments in which high levels of shock and vibration are likely, the hammer union pressure sensor measures standpipe and casing pressure for mud logging and electronic drilling-recorder systems for both onshore and offshore applications. It is CE certified and meets ATEX and FM/CSA certifications for use in Zone 1 and Class I/Division 1 areas.



Weatherford®

Hammer Union Pressure Sensor

Specifications

Brand	Druck/GE
Model	PTX 661
Overpressure	2x FS to a maximum of 20,000 psi (137.9 MPa)
Pressure containment, maximum	30,000 psi (206.8 MPa)
Supply voltage	10 to 28 Vdc
Output current	4 to 20 mA (two-wire configuration)
Weight	6 lb (2.7 kg)
Response time	2 kHz
Full scale accuracy	±0.1%
Pressure connection	8547 WECO wing union #1502 8593 WECO wing union #2202
Electrical connection	10-pin LEMO connector, P/N: EGG-4k-310 6-pin bayonet connector, P/N: PTIH-10-6P 4-pin glenair connector, P/N: GC379-2-14S-2P
Temperature	-40 to 230°F (-40 to 110°C)
Range	Available in 10,000- or 15,000-psi (68.9- or 103.4-MPa) configurations

