

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

Pressure Sensor | Temperature Sensor | Liquid Level Sensor | Load Cell | Smart Instruments

Position sensor | Torque | Internet of Things



16

Years of experience in sensor R&D,
manufacturing and production

Provide one-stop customization services
for various sensors

Hammer Union Mud Pressure Measurement Series

fracture | acidification | Cementing



FEATURES

Explosion-proof safety:

Obtained Ex ib IIC T4 Gb explosion-proof certification to reduce accidents.

High reliability:

Fully welded, one-piece design, sensor diaphragm and union fittings are machined into a sealed unit, reducing the chance of media leakage into electronic components and improving overall reliability.

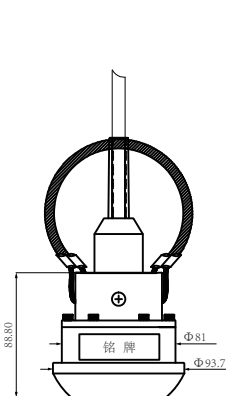
Easy to install and use:

Quick on-site installation in horizontal or vertical orientation, with on-site calibration function, very convenient to use.

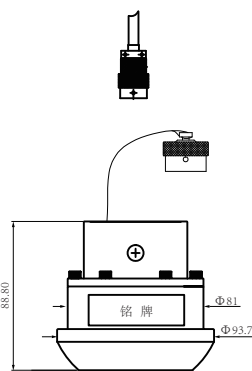
Sturdy and anti-fatigue:

All-welded, stainless steel construction features special stainless steel anti-corrosion materials to isolate corrosive or abrasive drilling media from sensitive internal electronics; materials maintain strength at higher temperatures to provide reliable performance under demanding conditions.

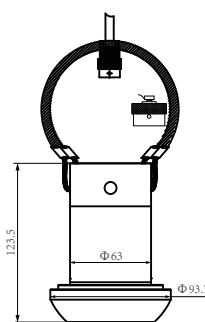
PRODUCT SIZE



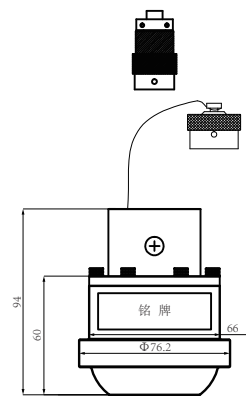
T293A "1502"
Hammer Union
pressure transmitter



T293E "1502" anti-corrosion type
Hammer Union
pressure transmitter



T293F "1502"
Hammer Union
pressure transmitter



T276A "2002" Ultra-high pressure
Hammer union
pressure transmitter

TECHNICAL PARAMETER

Product Model	PPM-T293A/T293F	PPM-T293E	PPM-T276A
Measured Medium	Wet soil, crude oil, mud and other fluids	Acidified fracturing fluid	Wet soil, crude oil, mud and other fluids
Measuring Range	0~5000psi, 6000psi, 10000psi, 15000psi, 20000psi	0~15000psi, 20000psi	0~150000psi, 20000psi, 25000psi
Mounting Thread	“1502” Hammer Union		“2002” Hammer Union “2202” Hammer Union
Power Supply	9~36VDC, 5~12VDC		
Output Signal	(4-20) mA, 0~5VDC, 1~5VDC, 0-10VDC, mV		
Comprehensive Accuracy	±0.25%FS, ±0.5%FS	±0.5%FS	±0.5%FS
Non-linearity	0.10%FS/°C		
Repeatability	0.05%FS		
Long Term Stability	≤0.1%FS/year		
Medium Temperature	-40°C~80°C		
Ambient Temperature	-40°C~80°C		
Response Time	≤1 ms		
Insulation Resistance	≥500 MΩ/100VDC		
Safe Overload Pressure	150%FS		
Destroying Pressure	200%FS		
Relative Humidity	0~100%RH		
Protection Level	IP65, IP67		
Explosion-proof Signs	Ex ib IIC T4 Gb		
Electrical Connection	Aviation connector or directly out of line		

APPLICATIONS



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