

ER-WOS-08H High Temperature Wireline Directional Sensor

1. Introduction

High Temperature Wireline Directional Sensor is used for wireline logging tool, choose high precision temperature acceleration sensor and the flux-gate sensor. Circuit part adopts thick film hybrid integrated circuit manufacturing technology, so it can work in 180 long-term reliable environment. We can customize shape dimension and installation of probe according to different customer requirements.

2. Features

Small volume

Compact structure

Strong vibration resistance

High reliability

3. Specificaitons

NO.	Item	Unit	Value
1	Voltage	V	10~36
2	Current	mA	75mA@15V
3	Operation Temp	°C	0~180
4	Storage Temp	°C	-40~190
5	Insulation Resistance	MΩ	100MΩ (100V)
6	Inclination Range	°	0~180
7	Azimuth Range	°	0~360
8	Tool Face Range	°	0~360
9	Inclination Accuracy	°	±0.1

10	Azimuth Accuracy		
	Inclination $\geq 5^\circ$	$^\circ$	± 2
	Inclination $\geq 10^\circ$	$^\circ$	± 1
	Inclination $= 90^\circ$	$^\circ$	± 0.3
11	Tool Face Accuracy	$^\circ$	± 0.1