

ER-WOS-08 Wireline Directional Sensor

1. Introduction

Wireline Directional Sensor is used for cable logging tools, and the products use high-precision temperature acceleration sensors and flux-gate transmitters. The circuit part of the product adopts thick-film hybrid integrated circuit manufacturing technology, which can work in a 160° long-term reliable environment. We can customize the dimensions and installation methods of the 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	℃	0~160
4	Storage Temp	℃	-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≥5°	°	±2
	Inclination≥10	°	±1
	Inclination =90°	°	±0.3
11	Tool Face Accuracy	°	±0.1