

# ESP Mini Interface Module

Downhole Gauge Telemetry Decoder



A cost-effective downhole telemetry decoder with a user-friendly interface, and direct 0/4-20mA output.



## Downhole Telemetry Decoder

The ESP Mini Interface Module is a downhole telemetry decoder that takes the raw pressure signal from the ESP Mini 125 and GEOHV 125 gauges, and converts it into usable 0/4-20mA output. Once the high-voltage ESP motor wires which carry the raw signal are stepped down via our ESP choke, the low-voltage signal is sent to the ESP Mini Interface Module which then outputs direct 0/4-20mA pressure data. This 0/4-20mA output can then be tied into any compatible surface equipment such as SCADA, VSD, etc...

## Specifications

Compatible Gauge Types	ESP Mini & GEOHV
Height	1.73" / 43.94mm
Width	4.55" / 115.57mm
Depth	3.54" / 89.92mm
Input Voltage	12-24 VDC
Line Voltage	120 VDC
Data Output	0/4-20mA <sup>(1)</sup>
Temperature Rating	-40°C to 85°C
ISO Certified Manufacturing	Yes

(1) Data output from the ESP Mini Interface Module is pressure only configurable to 0-20mA or 4-20mA.

## Applications

- Direct 0/4-20mA Output
- Switchboard or VSD Compatible
- Enables Cellphone / Satellite Data Transmission For Remote Monitoring
- Connects to any SCADA

## Key Features

- » Decodes telemetry signal from ESP Mini & GEOHV downhole gauges
- » Converts raw data to non-proprietary 0/4-20mA
- » Connects directly to a VSD, Switchboard, or one of our standalone surface packages
- » Direct DIN rail mounting allows for easy integration within Transformer, VSD, or Switchboard

## Physical Features

