

# Stealth Series

## Packer Penetrator - Single Mandrel

The Stealth Series Single Mandrel Packer Penetrator for ESP Wells delivers pressure-tight, 3-Phase power through Downhole ESP Packers and encapsulated ESP Systems (PODS/CANS). It has been developed in response to growing demand for high-specification, compact penetrator applications which are small enough for Ø1.5" bores.

### Electrical Specification - (values may differ depending on model and materials)

|                              |               |
|------------------------------|---------------|
| Maximum Voltage:             | 5 kVAC        |
| Maximum Working Current:     | 140 A         |
| Maximum Working Temperature: | 130°C (265°F) |
| Maximum Working Pressure:    | 7,500 psi     |
| Maximum H <sub>2</sub> S:    | 40%           |
| Maximum CO <sub>2</sub> :    | 90%           |

### Key Performance Features

#### Single Mandrel Configuration

Industry standard with one single assembly. No field assembly required.

#### Unique Pressure Barrier Technology

Zero Gas Leakage, total safety security.

#### Double Seal Technology

Enables pressure testing via test ports in adapter and built-in redundancy giving total confidence of seal integrity during and post installation.

#### No Connectors

Elimination of possibility of connector contamination giving improved reliability.

#### Permanently Activated Internal Seals, tested during assembly

No pressure-activated seals, no possibility of gas migration through penetrator, even at low pressures.

#### No Specialist Tooling Required

Reduced risk of delays due to missing or broken specialist tooling.

#### Unrivalled Reliability Track Record

Total confidence of reliability.

#### MLE can be moulded directly into Penetrator

Eliminates the need for a splice below the packer/inside the POD, giving improved reliability and reduced rig time during installation.

#### Range of Adapters available

Available with a range of adapters to secure to the Packer, offering maximum completion design flexibility for different applications.

### Other Key Features

Small enough for Ø1.5" Bores  
 8" Adjustable Adapter Ø2.24"  
 Non-adjustable Adapter Ø2.00"  
 Accommodates up to #4 AWG Flat Cable  
 Factory Moulded MLE Option  
 NACE Approved Materials  
 V3 Rated

### Experience

The industry's unchallenged number one choice for reliability. Exclusive supplier to the demanding North Sea market for over 20 years.

