Captor™ Power Feedthru System

Prevents unwanted cable rotation

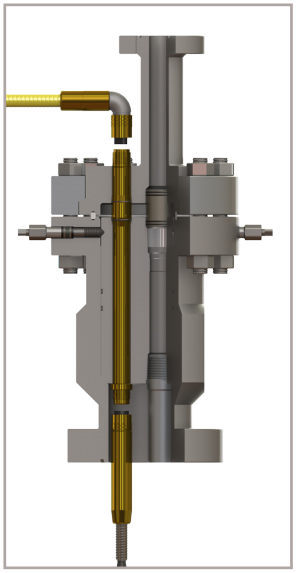
Metal-to-Metal Key	Prevents damage due to undesired rotation of the surface connector
Dielectric Edge Skirt	Increased high voltage pin-to-shell creepage path for improved connector life.
90 degree Surface Connector	Reduced clearance requirements for easier installation.
Low Profile Surface Connector	Requires less clearance than other connectors approved for hazardous locations

Advanced High Voltage Protection

The Captor™ Feedthru System utilizes the most advanced elastomers in its construction with a proven history in oil field applications. BIW elastomers have superb dielectric properties and resistance to corona, along with low coefficients of swell.

The Captor™ Feedthru System utilizes a molded dielectric edge skirt around the inside of the feedthru connector shell. It effectively increases high voltage creepage distance from pin to shell by more than 40%.

Within the elastomeric snout of the plug connector, socket contacts are recessed into deep sealing cones which match cones around each pin in the mating feedthru. The cones guard against the intrusion of fluids and provide increased electrical creepage distance to other contacts.

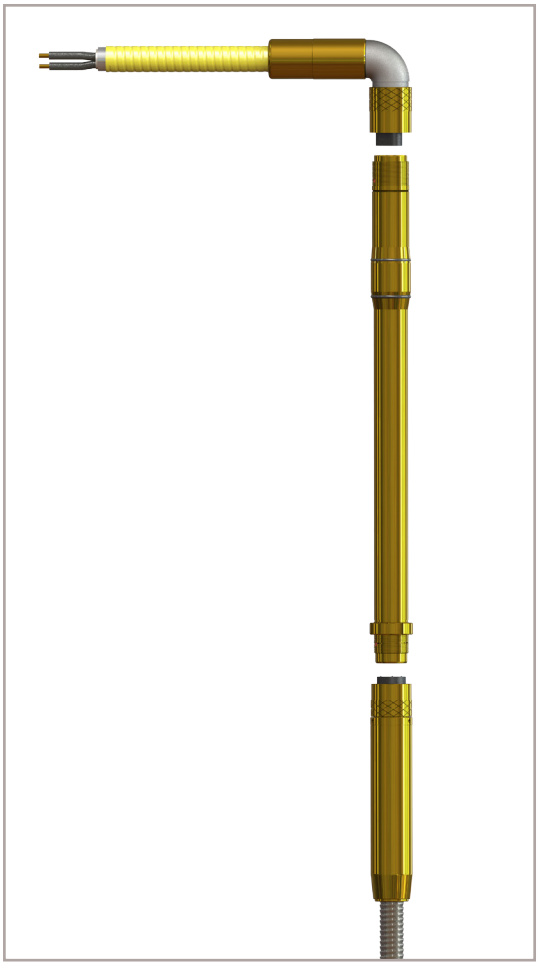


Separable 90° Surface Connection

The Captor™ System utilizes a 90° Plug connector, making it ideal for installations with minimal clearances between the top of the wellhead and valve flanges above the wellhead.

Hazardous Zone Approvals

The Captor™ system is approved for installations in Class I Hazardous zones. The Captor™ Surface Power Connector is supplied with Class I Division 1 approved flexible metal clad power cable.



Captor™ System with 90 ° surface connector.

Captor™ interface is also available on some lower connectors, including field attachable connectors, to provide protection against unwanted connector rotation.

Specification Chart

Environmental	300° F (149 C°), 5,000 psi
Electrical	5000 VAC, 140 Amps
Approvals	Class I Div. 1, ATEX Ex d IIB T5 Gb

biw connector systems

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