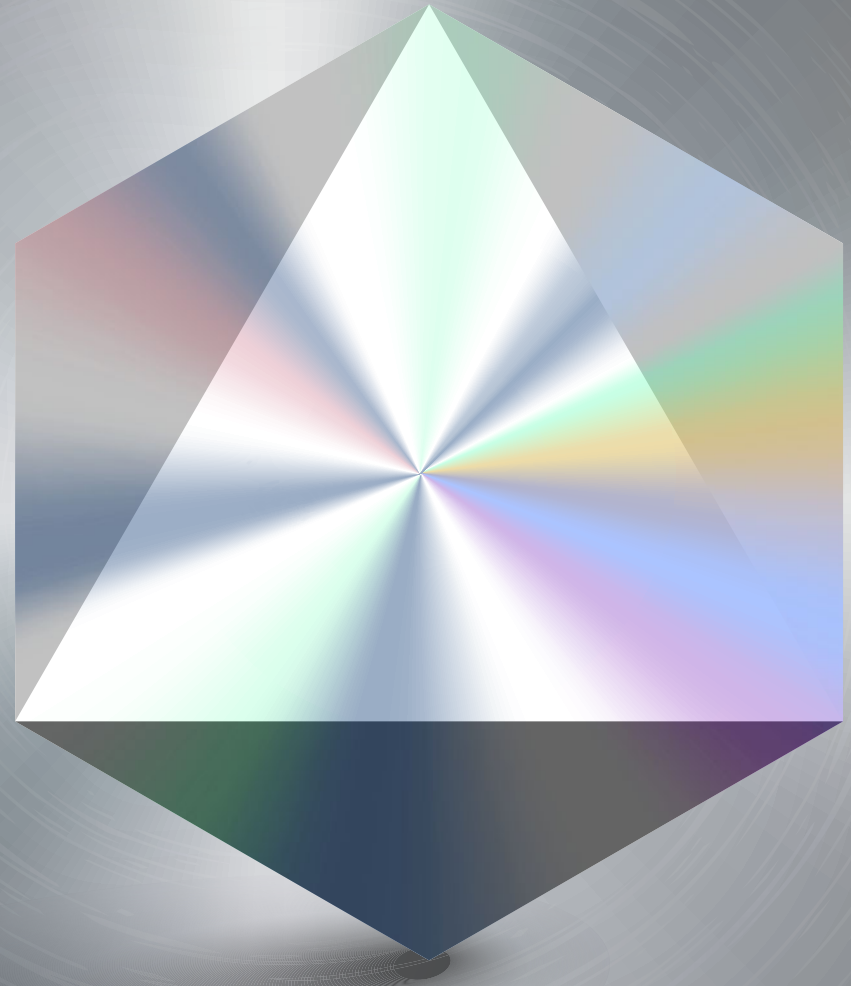




M2M ENCAPSULATION OF
ENTIRE ELECTRICAL SYSTEM



BiM2M-ESP SURFACE CONNECTOR

The BiM2M-ESP surface connector can be both factory assembled or field assembled to the surface cable.

Each phase is terminated with a female lamella, this provides the following advantages, minimum assembly time, highly reliable and consistent electrical connection, high current-carrying capacity, easy and reliable dis-assembly, no crimp damage to remove.

Insulation is provided by a machined PEEK body, this has highly consistent electrical insulation properties and is installed in minutes compared to the tape method, which can take hours.

The cables and PEEK block are positioned inside a stainless-steel tube with an end fitting to match the surface cable.

The void space between the cables and the stainless-steel tube is filled with low temperature alloy, resulting in the splice being total encapsulated in a metal-to-metal seal.

The BiM2M-ESP splice provides unmatched mechanical protect and with superior electrical insulation over exiting practice in a fast efficient manor, resulting in an extremely reliable, consistent performance splice.

The connector simply plugs into the connector terminating the wellhead penetrator, and is locked in place using a single locking pin. This results in a very simple and reliable means for disconnecting and reconnecting the surface power cable.

