



### Downhole Pigtail with Amphenol KTK

#### BACKGROUND

Downhole well environments are some of the roughest places encountered by man. With temperatures at least 200° Celsius and pressures exceeding 20,000 PSI, tools and electronics take a beating. In this environment, our KTKs are used as bulkhead inserts by the thousands to protect the expensive investments companies have made in their downhole tools.

#### PROBLEM

Today, companies often tediously wire and solder our KTKs to microDs, also known as MDMs. This is a distraction from their specialty and focus of the company. Hours are lost in inefficient and costly processes wiring up these bulkhead connectors. Other solutions are lower quality and less reliable.

#### SOLUTION

Amphenol's Downhole Pigtails eliminate these problems for downhole companies. As experts in cable assemblies, we manufacture our KTK-to-microD pigtails according to customer specification and direction. We are able to use either customer supplied or designated microDs to create the exact pigtail needed for each specific configuration. We have selected the best potting materials and high temperature sleeves, which also work best in high shock and vibration environments by working closely with our customers. Our experts have created the highest quality pigtails that will last the longest, and inspire confidence in the end customers and users.