



### GT Quadrax

#### BACKGROUND

Equipment and system applications are improving rapidly becoming more and more intelligent in today's industries. High-speed transmission is the trend within the data connection market. Thus, a high speed, highly reliable, and cost-effective solution is required.

#### PROBLEM

High-speed transmission requires significant EMI shielding performance, multichannel communication, and a stable connection. Traditional industrial connectors are not able to provide high-speed connections, while most of the existing high-speed solutions on the market are not robust enough to withstand harsh environments, high vibration, high humidity, and rapid climate changes.

#### AIO SOLUTION

Amphenol Industrial Operations is bringing the Quadrax contacts used in aerospace applications into the Industrial high-speed marketplace. This new combination of Amphenol's GT series and Quadrax contacts results in a connector system that offers one outer contact with four inner contacts spaced to form two 100 to 150 Ohm controlled impedance differential pairs. The GT Quadrax is an excellent alternative to more expensive DTL-38999 Series III and ARINC-type connectors for harsh environment applications.