

Connector for harsh environments with simple locking

Binder launches new connectors specifically for harsh environments - the HEC series 696. It is not just a connector with a high degree of protection. The locking is optimized for difficult conditions such as cold weather, soil and when wearing gloves.

HEC
Serie 696



Harsh Environment Connector

The new HEC connector series 696 meets the requirements with the features below and, in this way, offers optimum safety:

- The lock is designed as 3-point bayonet catch that makes for safe and secure, fast locking, while a robust coding mechanism prevents any wrong connection.
- The connection technique uses a crimp design to achieve secure, vibration-proof contact.
- The contact arrangement for the sales launch is a hybrid 4x signal and 3+ PE power configurations with a variety of cable cross-sections.
- These connectors are offered with tailored cables and materials as the optimized solution for specialist outdoor applications.
- The HEC connectors satisfy the requirements for degrees of protection IP68 and IPX9K in accordance with IEC 60529 and withstand the most stringent application conditions when connected. Protection caps are also available as accessories.

The aim was to develop a customized connection for these applications to meet sector-specific demands, in particular the stringent environmental requirements for UV resistance, insusceptibility to temperature fluctuations, and resistance to acid rain, saline mist, ozone and further pollutants in the air. User requirements, such as simple locking under difficult conditions (cold, soiling, wearing gloves) combined with secure coding, extremely rugged mechanics, and protection when using steam-jet cleaners had to be accommodated.

Primary applications are agricultural and building machines, traffic and signaling technology. The connector is also ideal for outdoor applications such as environmental and process engineering e.g. purification and recycling plants.

About Mikkelsen Electronics

Danish owned Mikkelsen Electronics provide both standard and customized products always based on a qualified dialogue.

Mikkelsen Electronics represent a number of the best producers of components within the industry. Macromelt, RFID, sensors of all kinds and cables - also fiber optics - from well-known brands such as Henkel, Novotechnik, Contelec, Huber+Suhner and BEI Duncan are among the long lasting partnerships. Through own production facilities in Denmark and dependable producers in Estonia and China Mikkelsen Electronics have built up a thorough experience in tailored and specialized projects.

Mikkelsen Electronics are producing after the IPC standard and are UL-certified and ISO 9001:2008-certified. Additionally, the company has an AAA bronze credit rating.

With a sales office in Sweden and based in Denmark, Mikkelsen Electronics export to a number of European countries.

Questions?

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