New ODU DOCK Silver-Line: Modular Connector for Automatic Docking and Robot Systems

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CAMARILLO, Calif. (PRWEB) November 07, 2019 -- ODU, a worldwide leader in designing and manufacturing high-performance connector solutions and cable assemblies is introducing to the US market ODU DOCK Silver-Line.

ODU DOCK Silver-Line is a modular connector designed for automatic docking and robot systems. The ODU DOCK Silver-Line can be inserted manually, electrically or pneumatically and it is ideal for multi-couplings, tool change systems, and docking systems. This connector solution consists of housing, insulator, and contacts. These three components allow ODU to provide various solutions.

With the use of ODU SPRINGTAC® technology, this high-performance connector also features high packing density, high contact stability, EMC shielded and it can safely withstand over 100,000 mating cycles. The ODU DOCK Quick Change Head is suitable for applications that require even higher mating cycles. ODU DOCK Silver-Line can be configured with various transmission types from signal and power to coax, air, fluids, and high-speed data or fiber optic.

Connectors for Docking and Robot Systems have become essential in industrial manufacturing and production processes. They rely heavily on dependable automatic docking and extremely robust connection systems with a high level of contact safety. Designed with robust housing, integrated strain relief, and a high level of contact safety, the ODU DOCK Silver-Line has been constructed to meet these requirements, making it ideal for applications such as, but not limited to, tool change systems, test equipment, and industrial robots.

ODU Group: Global Representation with Perfect Connections

The ODU Group is one of the world’s leading suppliers of connector systems, employing 2,300 people around the world. In addition to its company headquarters in Mühldorf am Inn (Germany), ODU also has an international distribution network and production sites in Sibiu/Romania, Shanghai/China and Tijuana/Mexico. ODU combines all relevant areas of expertise and key technologies including design and development, machine tooling and special machine construction, injection, stamping, turning, surface technology, assembly and cable assembly. The ODU Group sells its products globally through its nine subsidiaries in Denmark, England, France, Italy, Sweden, the US, China, Korea and Japan, as well as through numerous international sales partners. ODU connectors ensure a reliable transmission of power, signals, data and media for a variety of demanding applications including medical technology, military and security, eMobility, energy, industrial electronics, and test and measurement.
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