

## **SOURIAU - SUNBANK**

### **JMX series of plastic push-pull connector for medical applications**

*Esterline Connection Technologies – SOURIAU's JMX series is a plastic push-pull connector for use in the medical industry. It is designed for easy use by any medical professional.*



The JMX meets UL 1977 and IEC 60601 standards and connects to surgical devices, diagnostic equipment, and patient monitoring devices.

The entire series is available from all SOURIAU distributors in Europe and North America.

### **Easy and secure connections**

The JMX series is specifically designed for easy, instinctive use. Each plug features an ergonomic grip and a visual indicator for easy alignment with its receptacle.

Nine different color codes and six different key options are available to identify the connectors and prevent mating errors. The series also has a durability of 2,000 mating/unmating cycles, making daily use possible. The series' technical characteristics conform to UL 1977 and IEC 60601 and are designed to simplify medical device approval.

### **Waterproof and sterilizable**

The JMX series protects equipment from liquids typically found in medical environments (water, blood, cleaning liquids). Rated IP68 in mated and/or unmated conditions, the JMX series protects against immersion in 10 m of water for one week. It also withstands autoclave sterilization and is rated for 200 cycles of four-minutes each at 134°C.

### **Carefully designed**

SOURIAU's JMX series of plastic push-pull connector is designed to fit onto any medical device. Its bright

colors and slender profile blend harmoniously with devices and set it apart from the competition.

### **A wide selection of contacts and layouts**

The JMX series comes in nine layouts and four different diameters (0.5, 0.7, 0.9, and 1.3 mm) to withstand currents and voltages of up to 10 A/1200 V. The contacts are available in solder or crimp version and SOURIAU's overmolded harnesses provide customers with permanent one-piece assemblies. The series will be supplemented by a number of additions (PCB versions, additional layouts) that will be rolled out in 2017 and 2018.

### **Non-medical applications**

Although the JMX series of plastic push-pull connector is designed for medical applications, it lends itself equally well to instrumentation, robotic, and lighting applications. Its ergonomics, small form factor, and ingress protection rating make it a tremendous asset in meeting the needs of these markets.

#### *Esterline Connection Technologies*

*Esterline Connection Technologies (SOURIAU SUNBANK) is a global leader in interconnect solutions engineered to withstand the harshest of environments (aeronautics, space, defence, transport, energy, industrial equipment, healthcare devices, and lighting).*

*It invests in R&D and manufacturing facilities to produce solutions that comply with environmental requirements and international trade rules.*

*SOURIAU-SUNBANK's wide range of products are designed using cutting-edge electrical and optical connection technologies. All are suitable for use in non-hazardous environments as well as those involving extreme temperatures, strong vibrations and corrosive liquids, and meet specific international market standards.*

*SOURIAU is celebrating 100 years of Passion and Innovation in 2017.*

### **Esterline Connection Technologies**

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