

COMP/09/2017

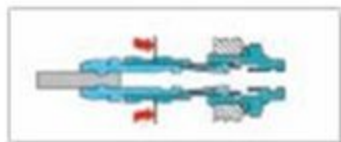
## LEMO Connectors

LEMO is a global leader of circular Push-Pull connectors that find applications in a variety of challenging environments including medical, industrial control, test and measurement, audio-video, and telecommunications. The most popular of the LEMO push-pull connectors is the B Series (dust-proof) for indoor applications and the K Series (watertight) for outdoor applications. Both are self-latching, multipole (2-64 contacts) connectors with an alignment key. Other popular LEMO items are the E-Series and the S-Series. The modular design and extensive range enables you to select the ideal connector for your application. These connectors offer EMC protection, the metallic outer shell offers superior screen efficiency.

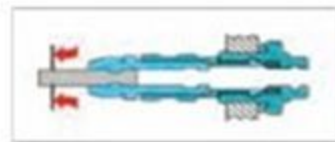
Most Series are suitable for use in high vibration and shock environment. LEMO connectors usually last as long as the equipment. The attractive high tech design enhances any front panel design and contributes to the appearance of your product. Most Lemo Connectors are produced with standard components.



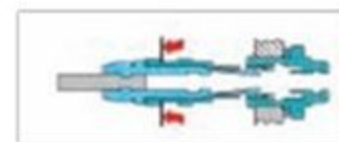
Easy and quick mating and unmating features



Mate by simply pushing the plug axially into the socket



Firmly latched, connection can't be broken by pulling on the cable



Connector is disengaged by a single axial pull on the outer release sleeve

**LEMO B series connectors are used in instrumentation, medical devices, and anywhere a high density, high reliability, quick mating connector is needed.**



### LEMO B Series

#### Main Features -

- Security of the Push-Pull self-latching system
- Solder, crimp or print contacts (straight or elbow)
- Multiple key options to avoid cross mating of similar connectors
- 360 degree screening for full EMC shielding
- Multipole types 2 to 64 contacts
- High packing density for space savings
- Keying system (G key standard) for connector alignment

**K series connectors have been specifically designed for outdoor applications. They include an inner sleeve and two seals to prevent penetration of solids or liquids into the housing formed by the plug, free socket, fixed socket or coupler.**

### LEMO – K Series



**All models of this series are waterproof and watertight when mated to give a protection index of IP68 as per IEC 60529 standard (in mated condition) when correctly assembled to an appropriate cable (IP 66 otherwise).**

#### Main features:

- Security of the Push-Pull latching system
- Solder, crimp or print contacts (straight or elbow)
- Multiple key options to avoid cross mating of similar connectors
- 360 degree screening for full EMC shielding
- Multipole types 2 to 64 contacts
- High packing density for space savings
- Keying system (G key standard) for connector alignment
- Rugged housing for extreme working conditions;
- watertight connection (IP 68/IP 66).