FLEXIBLE CONNECTOR ASSEMBLY SERVICE USING STOCKED COMPONENTS

3 + 5 + 7 = 105

LEMO UK connector assembly service from stocked components

Flexible plug and socket assembly
105 is the number of socket references within the 0B series of LEMO connectors that can be assembled from stock using a range of standard components based on 3 keyways, 5 shell styles and 7 contact configuration options. Choice of contact types and other standard housings & key options takes the total number of socket references within just the 0B series to 427.

Adding in corresponding plugs within the 0B series and all the other sizes within the B Series provides several thousand options for customers.

This new LEMO UK assembly service offers you the following choices:
- 5 standard socket housing options – EG*, EC*, EE*, EH* & EN*
- 3 standard keyways – “A”, “G” & “J” keyways
- Multiple contact configurations – e.g. 2, 3, 4, 5, 6, 7 & 9 way in 0B series
- 3 contact types – solder, crimp & PCB
- Other options available on request – for example additional keyways
- Corresponding plugs with collets and strain reliefs to suit your cable

The new socket assembly service means that many less common part numbers do not have to be the subject of special customer stock agreements and can be assembled quickly to suit demand, as has been the case for plugs for many years. Exceptions are potted and right angled pcb mount connectors.

Different keying connector options for your equipment increases security against cross-mating, and these additional options are now readily available.

Contact us now to discuss your preferred connector options.

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Process control

All connectors are fully structured on the LEMO UK system with specific bills of materials for each part number. Lot number traceability is applied to all components and finished goods enabling full tracking back through the manufacturing process to the raw material at our group machining centres and thus to our raw material suppliers.

A typical works order bill of materials consists of 6 components – e.g. for EGA.0B.304.CLL

EGA.0B.200.LC  housing
EGG.0B.304.ZLL insert with contacts
ERA.0B.220.BN  earthing crown
ERA.0B.230.LN  press fit ring
GBA.0S.250.FN  washer
GEA.0S.240.LN  hexagonal nut

Assembly is followed by tests on earthing crown mating & other criteria to ensure that LEMO standards are met.