NiCorAl™ – RoSH2 and REACh 2017 compliant corrosion resistant finish to 500 hours*

The LEMO® NiCorAl™ corrosion-resistant finish is a specially formulated Nickel Teflon surface treatment in Anthracite grey colour and has been developed particularly for the aluminium alloy bodied LEMO M Series ratchet coupling range of connectors which have proved to be an excellent and significantly smaller alternative to MIL 38999 connectors in the demanding defence, aerospace and security sectors.

Fully tested according to AECTP 300 / MIL-STD-810 / MIL-STD-202 standards the new LEMO NiCorAl treated aluminium bodied M Series have passed the 500 hour salt spray test and the brass bodied M series have achieved 1,000+ hours.

The LEMO NiCorAl salt spray corrosion-resistant finish satisfies the requirements of both RoSH2 and the forthcoming REACh 2017 regulations.

NiCorAl surface resistivity is less than 1.5mΩ.
M Series micro-connectors

LEMO M Series range of triple-start micro-connectors provide significant space savings in comparison to MIL 38999 Series III connectors, and are LEMO’s smallest multi-pin, fully shielded, vibration-secure and sealed connectors available, offering a lightweight connection with high pin-count density, 360º EMC shielding protection, and LEMO rugged quality.

- Soldier and vehicle-mounted equipment
- Avionics and Aerospace
- Communications
- UAV’s/UMV’s

LEMO MM Series micro connector

The new MM Series is the smallest of the LEMO M Series ratchet coupling connectors, the significantly smaller alternatives to military connectors (such as MIL C38999) with up to 4 contacts in a ruggedised micro housing.

Part Numbering System

- Plug
- Model
- Alignment key
- Series
- Insert configuration
- Variant:
  - T = Mould stop
  - P = Potted
  - M = MIL-DTL-38999L shell thread
- Contact type:
  - C = crimp
- Insulator:
  - L = PEEK (multipole)
- Housing:
  - I = Nickel fluorocarbon polymer aluminium alloy

Note:
1) anthracite colour / 500 hours salt fog resistance RoHS 2/REACH.