



# MG MOTIONGRADE™ M23

## CheckMate™ Quick-Locking Connectors featuring MetriFit™ Strain Relief

Ideally suited for the Motion marketplace, the **CheckMate™** connector system's robust metal housing features offer enhanced performance to today's standard systems by increasing the reliability and performance of one of the most dependable interconnect systems today.

Amphenol began with first quality components in a highly functional and intuitive design incorporating a self-aligning cam locking pathway utilizing shell coding which eliminates mis-mating, component damage, or an unintended connection even in adverse conditions. Once proper insert alignment is assured, proper contact engagement is maintained with a precision anti-vibration ratcheting coupling eliminating unintentional disconnects. This secure quick-locking capability is accomplished in 1/8 of a turn. The resulting connection integrity ensures the highest reliability achieving vibration and shock capability up to 20g (vibration) and 50g (shock) in 3 axis.

The **MetriFit™** integral strain relief system provides maximum 360° EMI/RFI shielding, with advanced sealing capability (IP67) suitable for harsh environments. Tamper proof design ensures a safe and secure system.

### Features

- Enhanced next generation anti-vibration dual-ratcheting coupling system.
- CheckMate™ is intermateable and compatible with rival M23 quick coupling products.
- Distinctive alignment arrows with lock/unlock identifiers (ensures a solid connection every time)
- Quick-locking reliability. 1/8th turn locks the connector vs traditional threaded style coupling
- Functional design allows for rapid orientation with tactile, visual and audible confirmation.
- Vibration and shock tested up to 20g (vibration) and 50g (shock) in 3 axis
- Secure connection ensures signal integrity and longer contact life
- Superior 360° shielding available
- Compact strain relief design allows for tighter clearances
- Greater fluid resistance with IP67 sealing
- Custom colors and labeling available
- All materials meet the requirements of ISO 9001/2008



**CheckMate™**  
Quick-Locking Connectors



**MetriFit™**  
Strain Relief System



**For more information, contact:** Customer Service, +1 800 394 7732, [csr@amphenol-sine.com](mailto:csr@amphenol-sine.com)

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