

Suitable for
railways



GM modular connectors are circular connectors with bayonet coupling for outdoor applications. They have seven, four or one module chamber. The modules are autonomous connectors in a connector system. If necessary, each module has its own EMC protection and individual cable termination.

Thanks to its modularity, the system is characterised by maximum flexibility, its compact design and quick assembly. Modular connectors are particularly suitable for harsh environments and convince with their high resistance to vibration and shaking proofness. When mated, these robust connectors comply with protection class IP67 according to DIN EN 60529. Each individual module is additionally sealed with an O-ring. The design allows a high degree of tightness of the connector system, even in the longitudinal direction. As a result, they are designed for the most demanding applications and meet the tough requirements of railway applications. For example, they can be used as a lead-through in driver's cabins with increased pressure.

Together with the GIMOTA CAT7 modules, this system is ideally suited as a CAT 7 - backbone inter-car-connection.



ADVANTAGES

- Suitable for railway applications
- Sturdy housing (aluminium)
- Small form factor (slim design)
- Turned contacts
- 360° EMC shielding per module
- 1 / 4 / 7 modules per connector
- Mechanical coding possible
- Anti tamper system



PROPERTIES

- Bayonet locking
- Transmission characteristics 10 GBit/s Cat7A
- For conductors AWG23 - AWG26 (0.26 - 0.14mm²)
- Gold-plated crimp contacts
- Operating temperature -55°C to +85°C
- EN 45545 R22,R23/HL1,HL2,HL3
- EN 60529 Protection class up to IP69 DIN
- EN 61373 Cat. 2



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