

M 40 CIRCULAR CONNECTORS



THE ROBUST POWER SERIES



M 40 POWER

Product overview

M 40 – The robust power series

Compact design and industry proven robustness: These are trademarks of the M 40 circular connector series. The powerful power connectors are designed for high current applications. Both with threaded closure and also the TWILOCK-S quick lock coupling, the connectors meet the highest requirements for vibration protection and impermeability. The TWILOCK-S quick lock guarantees secure locking with minimum rotation. This makes connecting easy even in hard to reach areas. The HUMMEL circular connectors of the TWILOCK-S variant are intermateable with Speedtec. Various panel connectors complete the M 40 series. The angled connector has a stable rotating mechanism. This gives the user the necessary flexibility during installation. With its compact design and comparatively low overall height, it is also suitable for space saving use in areas with limited space.

- // Suitable for powerful drives
- // Robust design
- // Compact construction
- // Threaded or quick lock coupling
- // TWILOCK-S: intermateable with Speedtec
- // Angled connectors with stable rotation mechanism
- // Easy installation
- // Safe and long lasting EMC protection



Electrical Data	Materials and Technical Data
Number of positions	2+3+PE / 4+3+PE
Housing	Copper-zinc alloy / Die Cast
Housing surface	Nickel plated (Standard)
Operating Temperature	-40 °C – 125 °C (-40 °F – 257 °F)
Inserts (for contacts)	Thermoplastic Polyamid PA 6
Contacts	Brass Alloy
Contact surface	Nickel and gold plated (0,25 µm)
Nominal current	55 A
Protection	IP 67 / IP 69 K per EN 60 529 (connected)

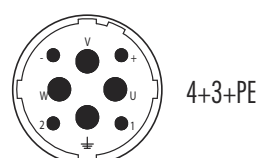
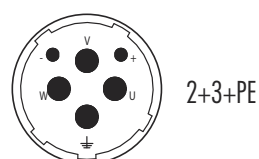
Straight Connector



Panel Connector



Inserts (for contacts)



ELECTRIC COMPONENTS

Cable Glands

Polyamide-, Brass- and Stainless steel,
EMC-connections, Protection Ex e, Ex d, Ex ta



Circular Connectors

M 8 to M 40, INOX, TWILOCK, Industrial Ethernet,
Power, Signal, Hybrid-Connector, Moulded Cordsets



Conduit Systems

Corrugated Conduit Systems, Conduit Cable Glands, Angled Systems,
combined Cable Glands, Accessories



Cable Assembly

Moulded Signal- and Power Circular Connectors,
Servo Cables, Cable Sets



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