

M12 Male Assembly,Screw Connexor

Features:

- Threaded Coupling
- IP67 (Protection)
- Pollution degree:3
- Suitable cable Dia:4~6mm
- Wire gauge:2~5Pin:AWG22; 6~8Pin:AWG24
- Products comply with IEC 61076-2-101 Industry 4.0 agreement, NEMA2000 standard

Electrical Specifications

Core count	2	3	4	4D	5	5B	6	8
Rated current (A)	4	4	4	4	4	2	2	2
Rated voltage(AC,V)	250	250	250	250	60	60	30	30
Rated pulse voltage(AC,V)	2500	2500	2500	2500	1500	1500	800	800
Insulation resistance(MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact resistance(mΩ)	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5
Insulation Resistance(MΩ)Min	1000	1000	1000	1000	1000	1000	1000	1000

Mechanical Specifications

Mating Cycles	500 Min
Coupling Mechanism	Threaded
Interface Specification	IEC 61076-2-101

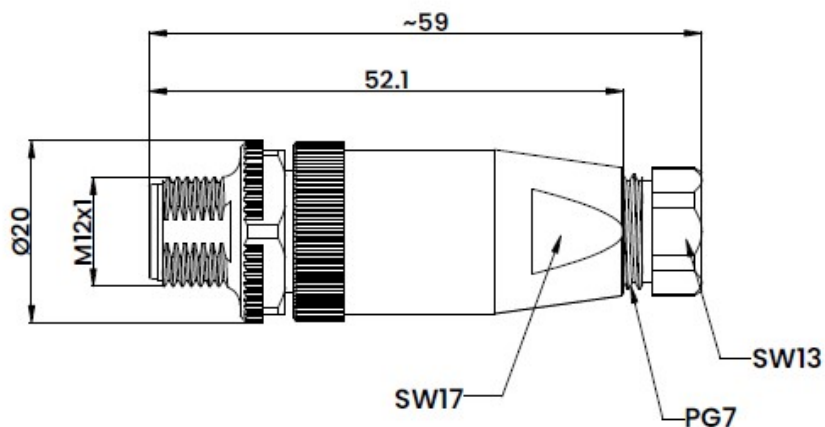
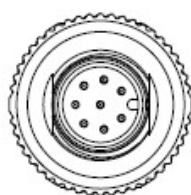
Environmental Specifications

Temperature Range	-40°C to +80°C
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Material Specifications

Shell	PA66 UL94-V0, Black
Hex Nut	Zinc Alloy, Nickel Plating
Insulator	PA66 UL94-V0, Black
Center Pin	Copper Alloy, Gold Plating
Sealing Ring	NBR, Black
Other Parts	Engineering plastics, Black/White

Drawing



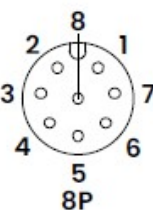
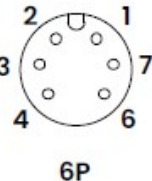
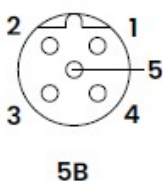
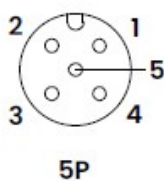
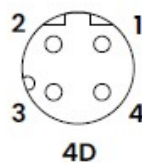
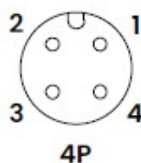
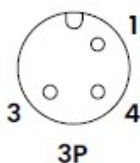
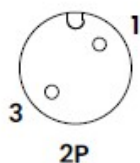
Part Number:

M12-XX-X-P-3-S

Code:
A,B,D

Core count:
02,03,04,05,06,08

Pin layout



UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS
ARE:

0.5 - 8mm ± 0.20 mm
8 - 30mm ± 0.25 mm
30 - 120mm ± 0.30 mm

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.