

R/A M12 Male, Panel Mount, PCB Type

Features:

- Threaded Coupling
- IP67 (Rating)
- Pollution Degree: 3
- Products Comply With IEC 61076-2-101 Industry 4.0 Agreement, NEMA2000 Standard



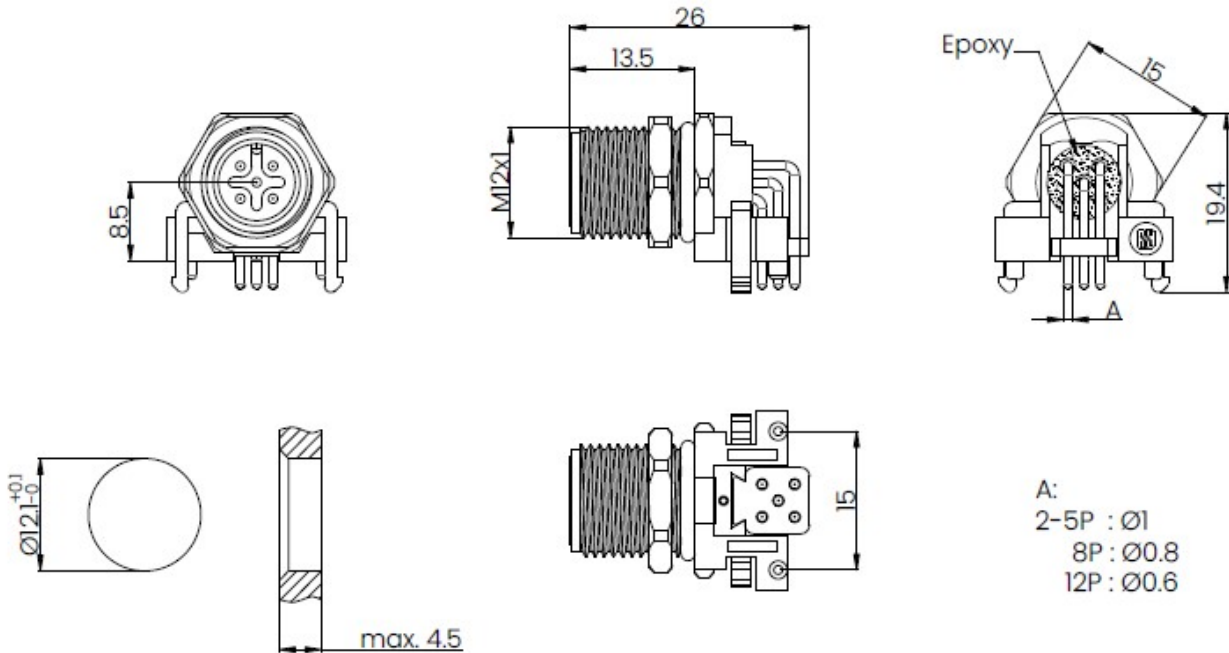
Electrical Specifications								
Contacts	2	3	4	4D	5	5B	8	12
Rated Current (A)	4	4	4	4	4	4	2	1.5
Rated Voltage (AC,V)	250	250	250	250	60	60	30	30
Rated Pulse Voltage (AC,V)	2500	2500	2500	2500	1500	1500	800	800
Insulation Resistance (MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact Resistance (mΩ)	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5
Insulation Resistance (MΩ)	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000

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

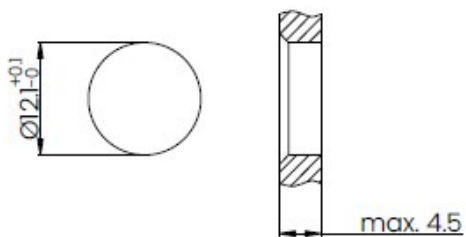
Environmental Specifications	
Temperature Range	-40°C to +80°C

Material Specifications	
Shell	Brass, Nickel Plating
Insulator	PA66 UL94-V0, Black/Green
Contacts	Brass, Gold Plating
Sealing Ring	NBR, Black
Nut	Brass, Nickel Plating

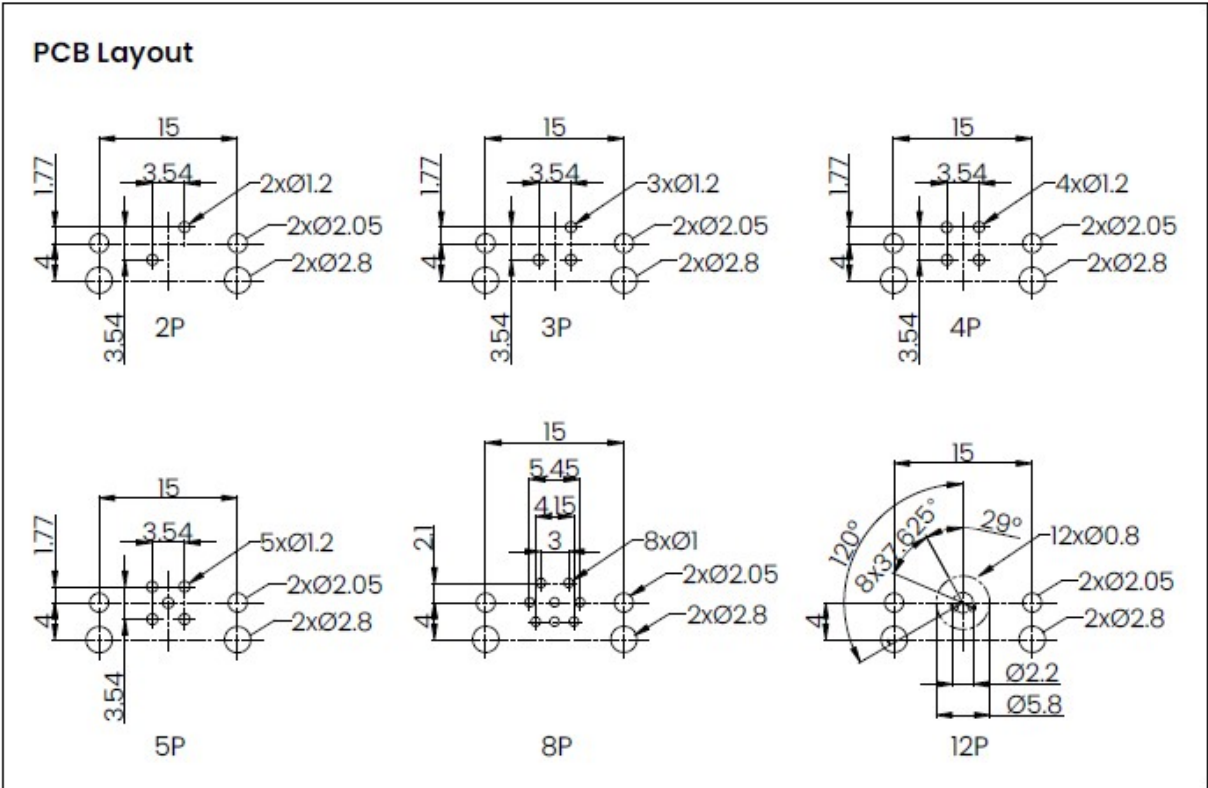
Drawing



- A:
2-5P : Ø1
8P : Ø0.8
12P : Ø0.6



Recommended Panel cut-out

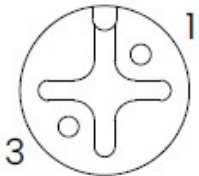


Disclaimer

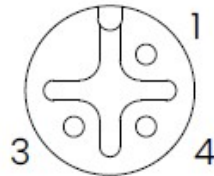
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Part Number

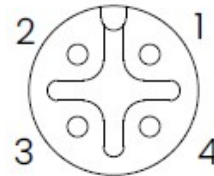
Pinout



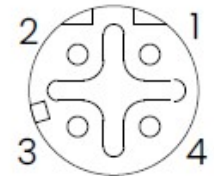
2P A-CODE



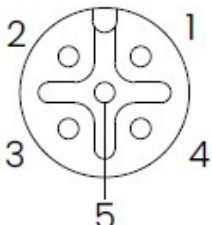
3P A-CODE



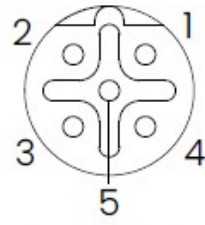
4P A-CODE



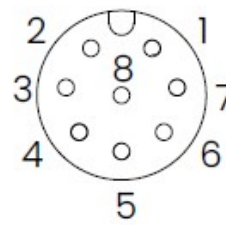
4P D-CODE



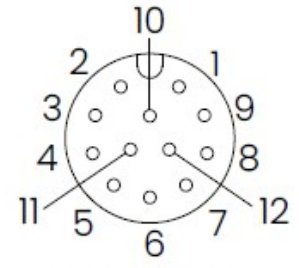
5P A-CODE



5P B-CODE



8P A-CODE



12P A-CODE

UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS
ARE:

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

Part Number:

M12-XX-X-P-1-R-B

Code:
A,B,D

Core count:
02, 03, 04, 05, 08, 12

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