

SEALCON

Leading Provider of Cable Management Solutions

M8 & M12 CORDSETS & ACCESSORIES



www.sealconusa.com

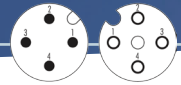


Automation in manufacturing is increasing at the speed of technology. With IIoT and smart machines, durable and reliable connectivity solutions are required to maximize output. Sealcon now offers M12 and M8 cordsets that are ideal for your application and will meet the demands of today's industry trends. With straight male and female, right angle and flying lead cordsets available, numerous options are possible. Whether you are looking for just a few or a few thousand, Sealcon is your supplier. Contact Sealcon today to reference your application!

In addition to the cordsets listed in this brochure, we have hundreds of other options available. Please contact us for a full catalog!

M12 Cordsets, A-Coding, 4 Position

4 Position



Mechanical Data	
Housing	Copper-Zinc alloy
Overmold	Thermoplastic elastomer
Inserts (for contacts)	PA66 / Glass Fiber
Contacts	Copper-Zinc alloy
Contact surface at point of contact	Nickel and gold plated
Seal / O-Rings	Fluorocarbon
Temperature Range	-22°F – +158°F (-30°C – +70°C) (static operating temperature) 23°F – +158°F (-5°C – +70°C) (dynamic operating temperature)
Protection	IP 67

Electrical Data	
Contact-Ø [mm] (AWG)	0.34 (22)
Nominal current [A]	4
Nominal voltage [V~] degree of protection 3	240
Test voltage (Breakdown voltage) [V~]	1000
Insulation resistance [MΩ]	>10 ⁹
Max. contact resistance [MΩ]	<5

SJFFD04M12050D Female Straight / Flying Lead



Cable Length (m)	5
Positions	4
Coding	A
Cable Type	PVC

SJFMD04M12050D Male Straight / Flying Lead



Cable Length (m)	5
Positions	4
Coding	A
Cable Type	PVC

SJFFC04M12050D Female Right Angle / Flying Lead



Cable Length (m)	5
Positions	4
Coding	A
Cable Type	PVC

SJFFCFMD04M12100D Female Right Angle / Male Straight



Cable Length (m)	10
Positions	4
Coding	A
Cable Type	PVC

SJFFCFMD04M12030D Female Right Angle / Male Straight



Cable Length (m)	3
Positions	4
Coding	A
Cable Type	PVC

SJFFDFMC04M12100D Male Right Angle / Female Straight



Cable Length (m)	10
Positions	4
Coding	A
Cable Type	PVC

SJFFDFMC04M12030D Male Right Angle / Female Straight



Cable Length (m)	3
Positions	4
Coding	A
Cable Type	PVC

SJFFDFMD04M12100D Female Straight / Male Straight



Cable Length (m)	10
Positions	4
Coding	A
Cable Type	PVC

SJFFDFMD04M12100E Female Straight / Male Straight



Cable Length (m)	10
Positions	4
Coding	A
Cable Type	PUR

*Note: Cable length includes connector.

Technology

Productivity

Automation

Integration

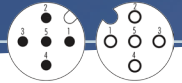
Performance

Connectivity

M8 - M12 Connectivity

M12 Cordsets, A-Coding, 5 Position

5 Position



Mechanical Data	
Housing	Copper-Zinc alloy
Overmold	Thermoplastic elastomer
Inserts (for contacts)	PA66 / Glass Fiber
Contacts	Copper-Zinc alloy
Contact surface at point of contact	Nickel and gold plated
Seal / O-Rings	Fluorocarbon
Temperature Range	-22°F – +158°F (-30°C – +70°C) (static operating temperature) 23°F – +158°F (-5°C – +70°C) (dynamic operating temperature)
Protection	IP 67

Electrical Data	
Contact-Ø [mm] (AWG)	0.34 (22)
Nominal current [A]	4
Nominal voltage [V~] degree of protection 3	60
Test voltage (Breakdown voltage) [V~]	1000
Insulation resistance [MΩ]	>10 ⁹
Max. contact resistance [MΩ]	<5

SJFFD05M12100D Female Straight / Flying Lead



Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

SJFFC05M12100D Female Right Angle / Flying Lead



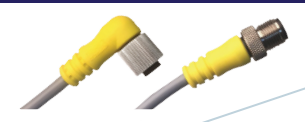
Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

SJFFD05M12020D Female Straight / Flying Lead



Cable Length (m)	2
Positions	5
Coding	A
Cable Type	PVC

SJFFCFMD05M12100D Female Right Angle / Male Straight



Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

SJFMD05M12100D Male Straight / Flying Lead



Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

SJFFDFMC05M12100D Male Right Angle / Female Straight



Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

SJFMD05M12020D Male Straight / Flying Lead



Cable Length (m)	2
Positions	5
Coding	A
Cable Type	PVC

SJFFDFMD05M12100D Female Straight / Male Straight



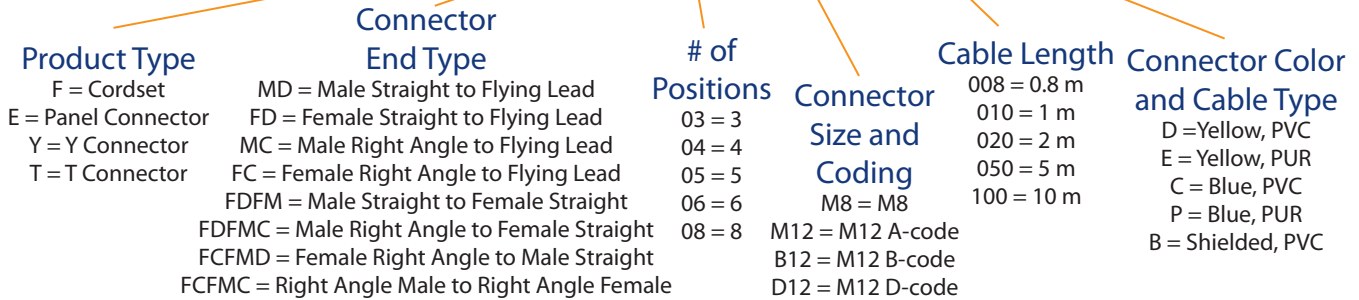
Cable Length (m)	10
Positions	5
Coding	A
Cable Type	PVC

*Note: Cable length includes connector.

How To Configure A Sealcon M12 or M8 Signal Cordset Part Number

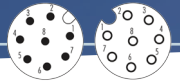
Follow the configuration chart below to determine the product needed for your application.

Example: **SJF MD 03 M12 008 D**



M12 Cordsets, A-Coding, 8 Position

8 Position



Mechanical Data	
Housing	Copper-Zinc alloy
Overmold	Thermoplastic elastomer
Inserts (for contacts)	PA66 / Glass Fiber
Contacts	Copper-Zinc alloy
Contact surface at point of contact	Nickel and gold plated
Seal / O-Rings	Fluorocarbon
Temperature Range	-22°F – +158°F (-30°C – +70°C) (static operating temperature) 23°F – +158°F (-5°C – +70°C) (dynamic operating temperature)
Protection	IP 67

Electrical Data	
Contact-Ø [mm] (AWG)	0.25 (24)
Nominal current [A]	2
Nominal voltage [V~] degree of protection 3	30
Test voltage (Breakdown voltage) [V~]	1000
Insulation resistance [MΩ]	>10 ⁹
Max. contact resistance [MΩ]	<5

*Note: Cable length includes connector.

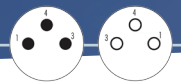
SJFFDFMC08M12100D Male Right Angle / Female Straight



Cable Length (m)	10
Positions	8
Coding	A
Cable Type	PVC

M8 Cordsets, 3 Position

3 Position



Mechanical Data	
Housing	Copper-Zinc alloy
Overmold	Thermoplastic elastomer
Inserts (for contacts)	PA66 / Glass Fiber
Contacts	Copper-Zinc alloy
Contact surface at point of contact	Nickel and gold plated
Seal / O-Rings	Fluorocarbon
Temperature Range	-22°F – +158°F (-30°C – +70°C) (static operating temperature) 23°F – +158°F (-5°C – +70°C) (dynamic operating temperature)
Protection	IP 67

Electrical Data	
Contact-Ø [mm] (AWG)	0.25 (24)
Nominal current [A]	4
Nominal voltage [V~] degree of protection 3	60
Test voltage (Breakdown voltage) [V~]	1000
Insulation resistance [MΩ]	>10 ⁹

SJFFDFMD03M8050D Female Straight / Male Straight



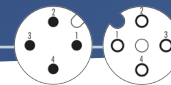
Cable Length (m)	5
Positions	3
Cable Type	PVC

SJFFDFMD03M8020D Female Straight / Male Straight



Cable Length (m)	2
Positions	3
Cable Type	PVC

*Note: Cable length includes connector.



Mechanical Data	
Housing	Copper-Zinc alloy
Overmold	Thermoplastic elastomer
Inserts (for contacts)	PA66 / Glass Fiber
Contacts	Copper-Zinc alloy
Contact surface at point of contact	Nickel and gold plated
Seal / O-Rings	Fluorocarbon
Temperature Range	-22°F – +158°F (-30°C – +70°C) (static operating temperature) 23°F – +158°F (-5°C – +70°C) (dynamic operating temperature)
Protection	IP 67

Electrical Data	
Contact-Ø [mm] (AWG)	0.25 (24)
Nominal current [A]	4
Nominal voltage [V~] degree of protection 3	60
Test voltage (Breakdown voltage) [V~]	1000
Insulation resistance [MΩ]	>10 ⁹

SJEM04M12PG9BM50

Rear Panel Mount - M12



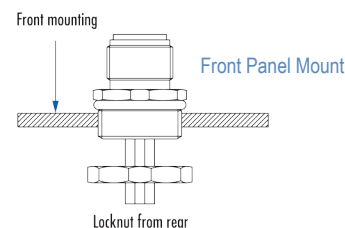
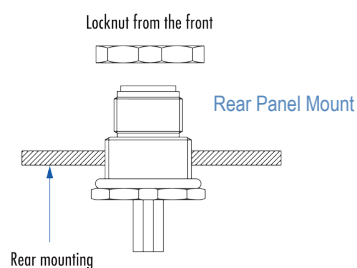
Cable Length (cm)	50
Positions	4

SJEM04M12PG9FM50

Front Panel Mount - M12



Cable Length (cm)	50
Positions	4



Additional Options Available

100's of Other Cordset Configurations Available!

Sealcon offers a wide range of M12 and M8 Cordsets in addition to the product listed in this brochure. Our cordsets are also available in blue, black and can be made in custom colors with a minimum order quantity. Additional options are also available in field attachable configurations. For a full catalog, please contact Sealcon today!

Sealcon, Your Circular Connector Source!
Additional sizes, styles and configurations available!



- M8 - M40
- Signal Connectors
- Power Connectors
- Ethernet Connectors
- Hybrid Connectors

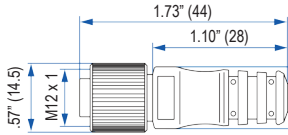
NEW M12 Power Connector

- 16 Amp / 630 V
- Crimp & Screw Terminal
- Powerful & Compact
- IP 67 / IP 69K

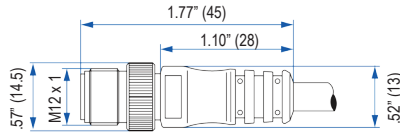


M12 CORDSETS

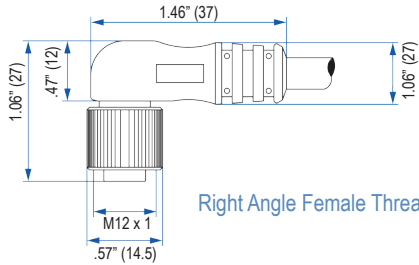
Inches (mm)



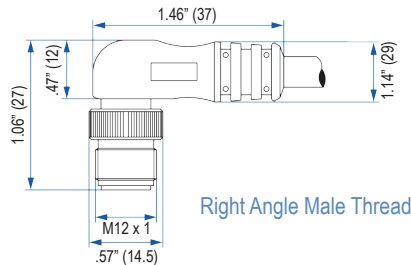
Female Thread



Male Thread



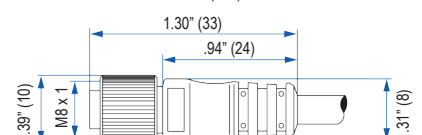
Right Angle Female Thread



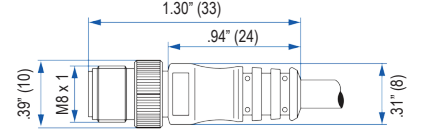
Right Angle Male Thread

M8 CORDSETS

Inches (mm)



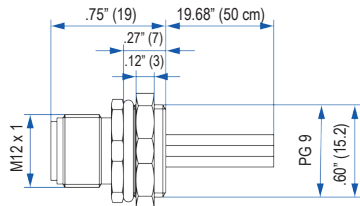
Male Thread



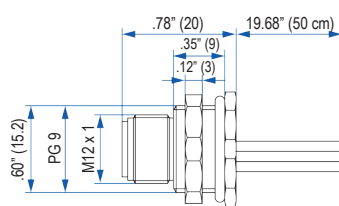
Female Thread

M12 PANEL MOUNT

Inches (mm)



Front Panel Mount



Rear Panel Mount

Check out some of our other great Sealcon products!



Further information on the products presented here and everything else Sealcon has to offer can be found on our website:

www.SealconUSA.com



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