

M12 Connection Cables for MAC motor Expansion Modules and the QuickStep motors



In order to ease installation of the MAC and QuickStep motors with M12 connectors, JVL has developed a series of ready-made cables and adaptors etc.

In the table on the following center spread we have listed all items available and indicated which cables that should be used with which expansion module.

In the last columns cables for the QuickStep motors are given.

All the cables and other items for easy installation can normally be delivered from stock.

Special lengths of cables can be made to order.

It is recommended to use the protection caps for expansion module sockets not in use.

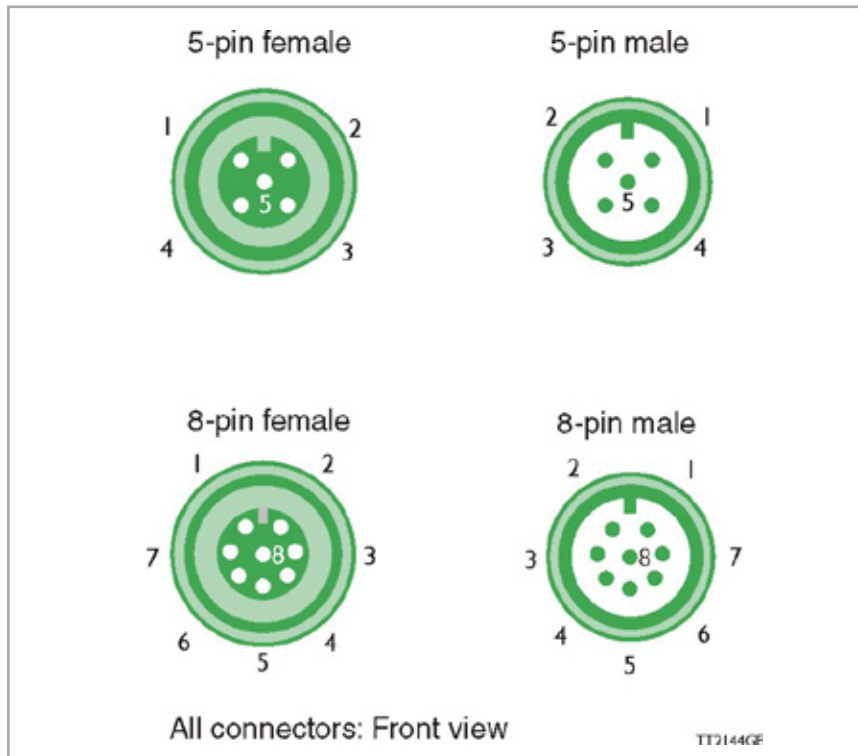
All the M12 connectors fulfil IP67 requirements.

If desired you can make most

of your own flexible or robot cables by means of the 5- and 8-pin male and female connectors.



M12 connectors



Color code for DeviceNet cables

Pin no.	Description	Color
1	Drain	Colorless
2	V+	Red
3	V-/CAN_GND	Black
4	CAN_H	White
5	CAN_L	Blue

Color code for CANopen cables

Pin no.	Description	Color
3	CAN_GND	Black
4	CAN_H	White
5	CAN_L	Blue

Color code for standard cables

5-pole connector

Pin no.	Color
1	Brown
2	White
3	Blue
4	Black
5	Grey

8-pole connector

Pin no.	Color
1	White
2	Brown
3	Green
4	Yellow
5	Grey
6	Pink
7	Blue
8	Red

Color code for Profibus cables

Pin no.	Description	Color
1		
2	A	Green
3		
4	B	Red
5	Shield	Shield

Recommended cable for making your own cables:

4-lead RS485 cable with double shield. Order no.: WH0039-N2x2x0.3+2xSC	
2-lead CANopen cable. Order no.: WH0038-N2x0.75-CAN	
2-lead Profibus cable Order no.: WH0040-2Nx0.34-PROFI	



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