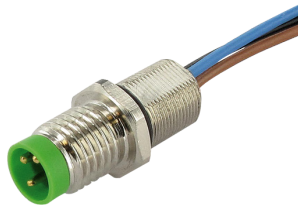


# M8 Bulkhead Connectors

## Features

- Male M8 to open leads connectors
- Metal housings
- Polypropylene (PP) jacket material
- IP67 rated

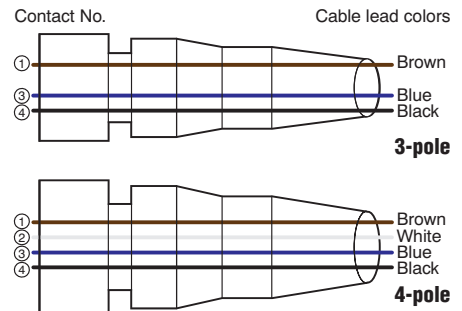


M8 Bulkhead Connectors					
Part Number	Price	Cable Length	Poles	Connector	Dimension C
7000-08553-9700050	\$8.00	0.5 m [1.64 ft]	3	Male to leads	22mm [0.87 in]
7000-08563-9690050	\$9.00		4		
7000-08553-9700100	\$9.00	1m [3.28 ft]	3		
7000-08563-9690100	\$9.50		4		

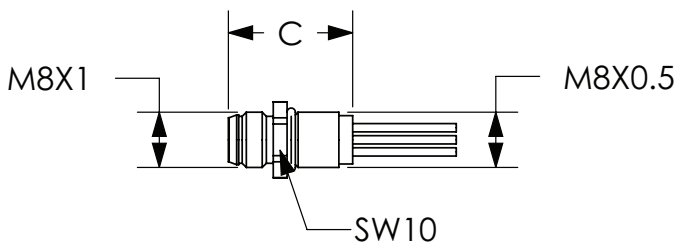
Connector Specifications		
Models	3-Pole	4-Pole
Nominal voltage	60V AC/DC	30V AC/DC
Max current per contact	4A	
Protection degree	IP67	
Material nut	Brass	
Jacket material	Polypropylene (PP)	
Housing material	Zinc die cast, matte nickel plated	
Contacts material	Copper-tin (CuSn)=Brass	
Conductors cross section	0.25 mm <sup>2</sup> [24 AWG]	
Mounting hole diameter	8.2 mm; max mounting material thickness: 4.5 mm	
Tightening torque	0.4 N·m	
Outer Ø	~ 1.25 mm	
Temperature range	-25° to + 85°C [-13° to +185°F]	
Agency approvals	CSA, RoHS	

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

## Wiring Diagrams

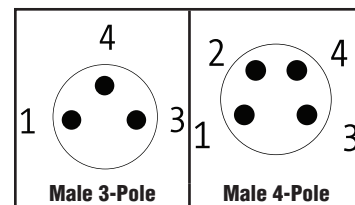


## Dimensions



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

## Contacts



# M12 Bulkhead Connectors

## Features

- Male or Female M12 to open leads connectors
- Male M12 to female M12 connectors
- Metal housings
- Polypropylene (PP) jacket material
- IP67 rated



7000-42111-0000000



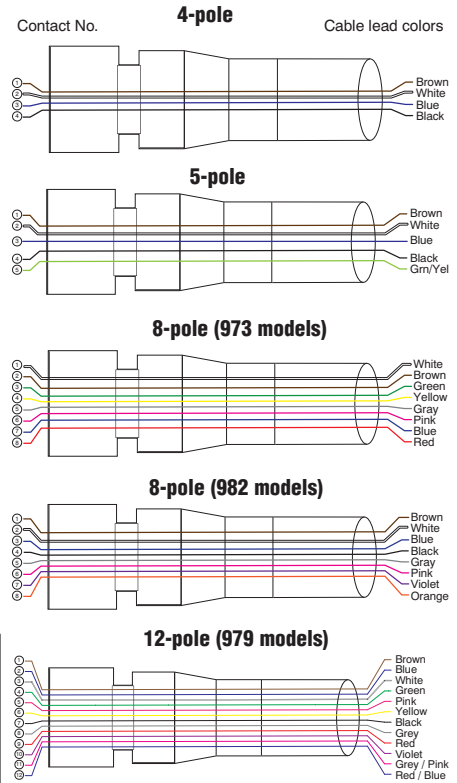
7231-13501-9710050



7231-13541-9710050

M12 Bulkhead Connectors					
Part Number	Price	Cable Length	Poles	Connector	Dimension C
7000-42111-0000000	\$15.00	N/A	5	Male to female	35mm [1.38 in]
7000-48111-0000000	\$20.00		8		
7231-13501-9710050	\$7.50	0.5 m [1.64 ft]	4	Male to leads	26mm [1.02 in]
7231-13541-9710050	\$7.50			Female to leads	23 mm [0.91 in]
7231-13501-9710100	\$8.50	1m [3.28 ft]	4	Male to leads	26mm [1.02 in]
7231-13541-9710100	\$8.50			Female to leads	23 mm [0.91 in]
7231-13521-9720050	\$8.50	0.5 m [1.64 ft]	5	Male to leads	26mm [1.02 in]
7231-13561-9720050	\$8.50			Female to leads	23 mm [0.91 in]
7231-13521-9720100	\$9.50	1m [3.28 ft]	5	Male to leads	26mm [1.02 in]
7231-13561-9720100	\$9.50			Female to leads	23 mm [0.91 in]
7231-17161-9730050	\$13.00	0.5 m [1.64 ft]	8	Male to leads	26mm [1.02 in]
7231-17181-9730050	\$13.00			Female to leads	23 mm [0.91 in]
7231-17161-9730100	\$14.00	1m [3.28 ft]	8	Male to leads	26mm [1.02 in]
7231-17181-9730100	\$14.00			Female to leads	23 mm [0.91 in]
7000-17162-9730050	\$12.00	0.5 m [1.64 ft]	8	Male to leads	26mm [1.02 in]
7000-17162-9820050	\$12.00			Male to leads	
7000-19162-9790050	\$19.00	1m [3.28 ft]	8	Male to leads	26mm [1.02 in]
7000-17162-9730100	\$13.50			Male to leads	
7000-17162-9820100	\$13.50	1m [3.28 ft]	8	Male to leads	26mm [1.02 in]
7000-19162-9790100	\$20.00			Male to leads	

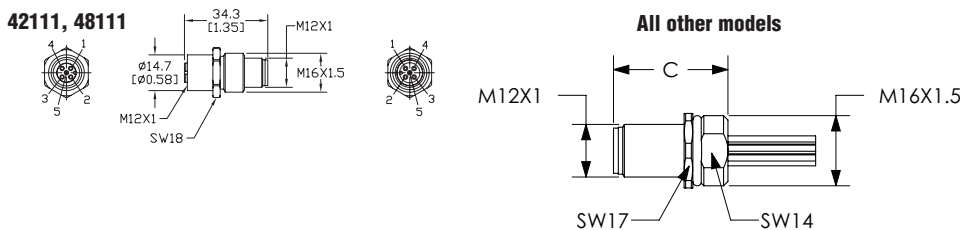
## Wiring Diagrams



Connector Specifications					
Models	42111	48111	4 Poles	5 Poles	8 Poles
Nominal voltage	24V AC/DC		250V AC/DC	125V AC/DC	30V AC/DC
Max current per contact	4A	1.5 A	4A	2A	
Protection degree	IEC IP67				
Material nut	Brass		Brass		
Jacket material	N/A		Polypropylene (PP)		
Housing material	Cupboard lead through male to female		Zinc die cast, matte nickel plated		
Contacts material	Copper-tin (CuSn)=Brass				
Conductors cross section	N/A		0.34 mm <sup>2</sup> [22 AWG]	0.25 mm <sup>2</sup> [24 AWG]	
Mounting hole diameter	16.1 mm; maximum mounting material thickness: 4.5 mm				
Tightening torque	0.6 N·m				
Outer Ø	N/A		~ 1.25 mm		
Temperature range	-25° to +90°C [-13° to 194°F]		-25° to + 85°C [-13° to +185°F]		
Agency approvals	CSA, RoHS				

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

## Dimensions mm [in]



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

## Contacts

