Waterproof M12 Connectors

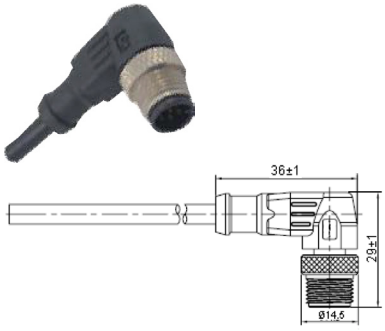
Male Straight Plug, Molding Type, PVC Cable



Connector Type

Current Rating	Contact	IP Rating
5A	3	IP67
	4	
	5	
2A	8	

Male R/A Plug, Molding Type, PVC Cable

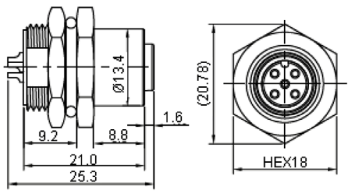


Connector Type

Current Rating	Contact	IP Rating
5A	3	IP67
	4	
	5	
2A	8	

Panel, Female, Solder Type, Rear Mount



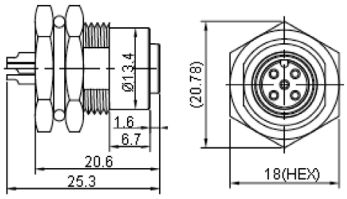


Connector Type

Current Rating	Contact	IP Rating
5A	3	IP67 & IP68
	4	
	5	
2A	8	

Panel, Female, Solder Type, Front Mount





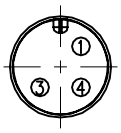
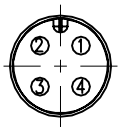
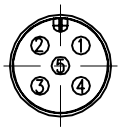
Connector Type

Current Rating	Contact	IP Rating
5A	3	IP67 & IP68
	4	
	5	
2A	8	

Dimensions : Millimetres

Specification Table

Current Rating	2A, 5A
Pin Configuration	3, 4, 5, 8 Contacts
Material	Contact : Copper Alloy, Gold Plated Connector Body : Nylon+GF or TPU Shield : Copper Alloy, Nickel Plated
Temperature Range	Cable : -20°C to + 80°C (PVC) -25°C to + 90°C (TPU) Connector Body : -25°C to 90°C
IP Rating	IP67 and IP68
Contact Resistance	≤10mΩ
Insulation Resistance	≥100MΩ at DC 500V
Durability	500 cycles Minimum
Breakdown Voltage	≥AC 500V/1 Minute
Corrosion	48 Hours Salt Spray Contact

Part Number	Cable Specification	Rating	Waterproof Rate	Pin Assignments (Front View)
2MT3012-W03300	22AWG×3C+A, PVC Jacket, UV Resistant, OD=Ø5, Wire Colour: 1.Brown, 3.Blue 4. Black	5A, 60V AC/DC	IP67	
2MT3012-W04300	22AWG×4C+A, PVC Jacket, UV Resistant, OD=Ø5, Wire Colour: 1.Brown 2.White 3.Blue 4.Black	5A, 60V AC/DC		
2MT3012-W05300	22AWG×5C+A, PVC Jacket, UV Resistant, OD=Ø5.5, Wire Colour: 1.Brown 2.White 3.Blue 4.Black 5.Green	5A, 60V AC/DC		
2MT3012-W08200	24AWG×8C+A, PVC Jacket, UV Resistant, OD=Ø5.4, Wire Colour: 1.Black 2.Brown 3.Green 4.Yellow 5.Grey 6.White 7.Blue 8.Red	2A, 60V AC/DC		

Part Number Table

Description	Part Number
Cable Assembly, Plug-Free, PVC, 3 Way, 1m	2MT3012-W03300
Cable Assembly, Plug-Free, PVC, 4 Way, 1m	2MT3012-W04300
Cable Assembly, Plug-Free, PVC, 5 Way, 1m	2MT3012-W05300
Cable Assembly, Plug-Free, PVC, 8 Way, 1m	2MT3012-W08200
Cable Assembly, Plug-Free, R/A, 3 Way, 1m	2MT3013-W03300
Cable Assembly, Plug-Free, R/A, 4 Way, 1m	2MT3013-W04300
Cable Assembly, Plug-Free, R/A, 5 Way, 1m	2MT3013-W05300
Cable Assembly, Plug-Free, R/A, 8 Way, 1m	2MT3013-W08200
Socket, Panel, Rear MNT, 5A, 3 Way	2MT3000-W03300
Socket, Panel, Rear MNT, 5A, 4 Way	2MT3000-W04300
Socket, Panel, Rear MNT, 5A, 5 Way	2MT3000-W05300
Socket, Panel, Rear MNT, 5A, 8 Way	2MT3000-W08200
Socket, Panel, Front MNT, 5A, 3 Way	2MT3002-W03300
Socket, Panel, Front MNT, 5A, 4 Way	2MT3002-W04300
Socket, Panel, Front MNT, 5A, 5 Way	2MT3002-W05300
Socket, Panel, Front MNT, 5A, 8 Way	2MT3002-W08200

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