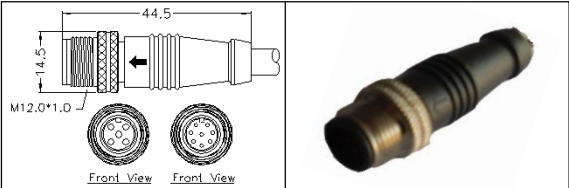


M12 Series

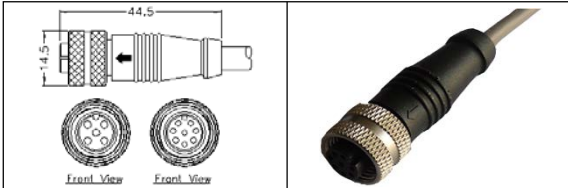
M12 Male Molding Type Straight



Item Number	Current Rating	Pin Configuration
BWM12-03M-MXXS180	5A	
BWM12-04M-MXXS180	5A	
BWM12-05M-MXXS180	5A	
BWM12-07M-MXXS180	2A	
BWM12-08M-MXXS180	2A	

Product Specification	Description
Temperature Range	-20°C ~ 85°C
Connector Body	Nylon + GF, or TPU
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

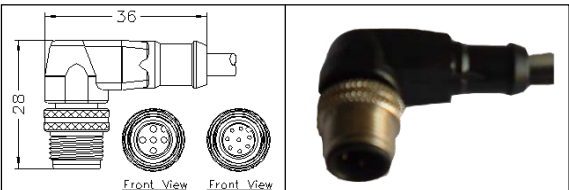
M12 Female Molding Type Straight



Item Number	Current Rating	Pin Configuration
BWM12-03F-MXXS180	5A	
BWM12-04F-MXXS180	5A	
BWM12-05F-MXXS180	5A	
BWM12-07F-MXXS180	2A	
BWM12-08F-MXXS180	2A	

Product Specification	Description
Temperature Range	-20°C ~ 85°C
Connector Body	Nylon + GF, or TPU
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

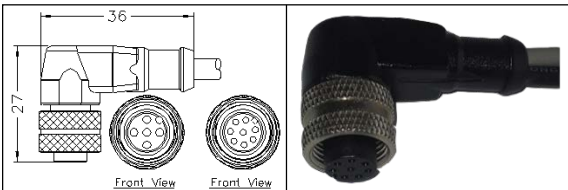
M12 Male Molding Type Right Angle



Item Number	Current Rating	Pin Configuration
BWM12-03M-MXXS90	5A	
BWM12-04M-MXXS90	5A	
BWM12-05M-MXXS90	5A	
BWM12-07M-MXXS90	2A	
BWM12-08M-MXXS90	2A	

Product Specification	Description
Temperature Range	-20°C ~ 85°C
Connector Body	Nylon + GF, or TPU
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

M12 Female Molding Type Right Angle

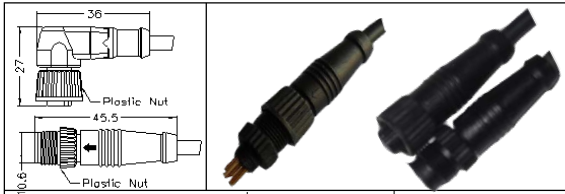


Item Number	Current Rating	Pin Configuration
BWM12-03F-MXXS90	5A	
BWM12-04F-MXXS90	5A	
BWM12-05F-MXXS90	5A	
BWM12-07F-MXXS90	2A	
BWM12-08F-MXXS90	2A	

Product Specification	Description
Temperature Range	-20°C ~ 85°C
Connector Body	Nylon + GF, or TPU
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

M12 Series

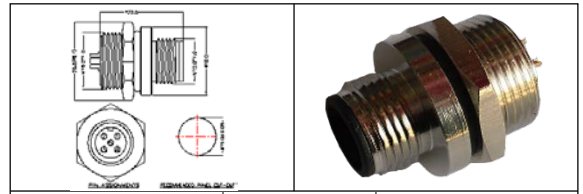
M12 Female Molding Type Plastic Nut



Item Number	Current Rating	Pin Configuration
BWM12P-03F/M-MXXS180/90	5A	
BWM12P-04F/M-MXXS180/90	5A	
BWM12P-05F/M-MXXS180/90	5A	
BWM12P-07F/M-MXXS180/90	2A	
BWM12P-08F/M-MXXS180/90	2A	

Product Specification	Description
Temperature Range	-20°C ~ 85°C
Connector Body	Nylon + GF, or TPU
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

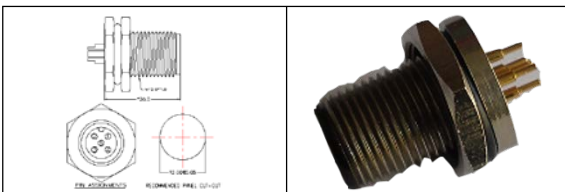
M12 Male Panel Solder Type Rear Mounting



Item Number	Current Rating	Pin Configuration
BWM12-03MS-XXSR	5A	
BWM12-04MS-XXSR	5A	
BWM12-05MS-XXSR	5A	
BWM12-07MS-XXSR	2A	
BWM12-08MS-XXSR	2A	

Product Specification	Description
Temperature Range	-40°C ~ 105°C
Connector Body	Nylon + GF, or PBT
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

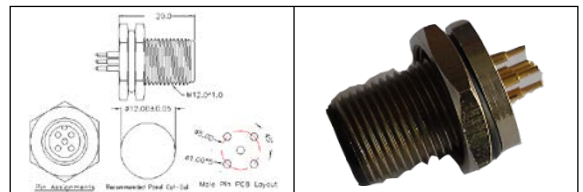
M12 Male Panel Solder Type Front Mounting



Item Number	Current Rating	Pin Configuration
BWM12-03MS-XXSF	5A	
BWM12-04MS-XXSF	5A	
BWM12-05MS-XXSF	5A	
BWM12-07MS-XXSF	2A	
BWM12-08MS-XXSF	2A	

Product Specification	Description
Temperature Range	-40°C ~ 105°C
Connector Body	Nylon + GF, or PBT
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

M12 Male Panel PCB Type Front Mounting

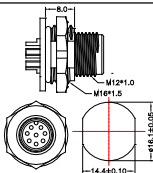


Item Number	Current Rating	Pin Configuration
BWM12-03MP-XXSF	5A	
BWM12-04MP-XXSF	5A	
BWM12-05MP-XXSF	5A	
BWM12-07MP-XXSF	2A	
BWM12-08MP-XXSF	2A	

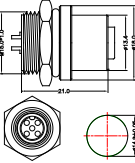
Product Specification	Description
Temperature Range	-40°C ~ 105°C
Connector Body	Nylon + GF, or PBT
Contact Resistance	≤ 10 mΩ
Insulation Resistance	≥ 100 MΩ at 500V DC
Breakdown Voltage	≥500V / 1 Minute (≤5 A)
Contact	Gold plated Brass
Screw Nut	Nickel plated Brass
Waterproof Rate	IP66, IP67, IP68

M12 Series

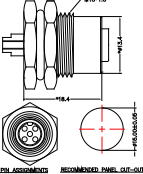
M12 Plastic Male Solder Type Front Mounting

 PIN ASSIGNMENTS RECOMMENDED PANEL CUT-OUT				
Item Number	Current Rating			Pin Configuration
BWM12P-03MS-XXSF	5A			
BWM12P-04MS-XXSF	5A			
BWM12P-05MS-XXSF	5A			
BWM12P-07MS-XXSF	2A			
BWM12P-08MS-XXSF	2A			
Product Specification				Description
Temperature Range		-40°C ~ 105°C		
Connector Body		Nylon + GF, or PBT		
Contact Resistance		≤ 10 mΩ		
Insulation Resistance		≥ 100 MΩ at 500V DC		
Breakdown Voltage		≥500V / 1 Minute (≤5 A)		
Contact		Gold plated Brass		
Screw Nut		Nickel plated Brass		
Waterproof Rate		IP66, IP67, IP68		

M12 Female Panel Solder Type Rear Mounting

 Pin Assignments: Recommended Panel Cut-Out			
Item Number	Current Rating	Pin Configuration	
BWM12-03FS-XXSR	5A		
BWM12-04FS-XXSR	5A		
BWM12-05FS-XXSR	5A		
BWM12-07FS-XXSR	2A		
BWM12-08FS-XXSR	2A		
Product Specification		Description	
Temperature Range	-20°C ~ 85°C		
Connector Body	Nylon + GF, or TPU		
Contact Resistance	≤ 10 mΩ		
Insulation Resistance	≥ 100 MΩ at 500V DC		
Breakdown Voltage	≥500V / 1 Minute (≤5 A)		
Contact	Gold plated Brass		
Screw Nut	Nickel plated Brass		
Waterproof Rate	IP66, IP67, IP68		

M12 Female Panel Solder Type Front Mounting

			
Item Number	Current Rating	Pin Configuration	
BWM12-03FS-XXSF	5A		
BWM12-04FS-XXSF	5A		
BWM12-05FS-XXSF	5A		
BWM12-07FS-XXSF	2A		
BWM12-08FS-XXSF	2A		
Product Specification		Description	
Temperature Range	-20°C ~ 85°C		
Connector Body	Nylon + GF, or TPU		
Contact Resistance	≤ 10 mΩ		
Insulation Resistance	≥ 100 MΩ at 500V DC		
Breakdown Voltage	≥500V / 1 Minute (≤5 A)		
Contact	Gold plated Brass		
Screw Nut	Nickel plated Brass		
Waterproof Rate	IP66, IP67, IP68		

M12 Female Panel PCB Type Front Mounting

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