

FEATURES & BENEFITS / APPLICATIONS

Adam Tech’s Waterproof Connector series is a broad range of M Style, Circular, and RJ45/USB mated sets with IP ratings ranging from IP66 – IP68. These connectors are offered in different pin counts and keying styles and can be used in many applications.

Features and Benefits:

- Panel Mount, Overmold w/ Cable, Field Assembly Types
- Complete Pin Count Selection
- IP Sealing Options include IP66, IP67, IP68
- Straight and Right Angle
- Screw Locking Mechanisms

Applications:

- Industrial Automation Applications
- Manufacturing and Machinery
- Food and Beverage Processing
- Industrial Communications
- Robotics
- Medical
- Farming and Agriculture
- Automotive and Railroad
- Oil Industry
- Harsh Environment and Rugged Applications



SD WATERPROOF SERIES (M STYLE)

SD	MMA03	MMTAL	C8A01
SERIES INDICATOR SD = Waterproof Series	SERIES, SIZE/CODE, STYLE, POSITIONS First 2 Characters for Series MM = Metal Housing Metal Nut PP = Plastic Housing Plastic Nut PM = Plastic Housing Metal Nut 3rd Character for Size/Code A = M12 (A coding) B = M12 (B coding) D = M12 (D coding) X = M12 (X coding) E = M8 4th Character for Positions 02, 03, ..., Pins (Positions)	CONNECTOR STYLE, CONTACT TYPE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL 1st Characters for Connector Style M= Male Connector F = Female Connector 2nd Character for Contact Type M = Male Contact F = Female Contact 3rd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock 4th Character for S/R or Lock Style A = Molding Cable w/ SR B = Molding Cable w/o SR C = Ass'y Type w/ SR D = Ass'y Type w/o SR P = Panel Front Mount R = Panel Rear Mount 5th Character for Back Shell L = Straight (180° Cable, Ass'y Type) R = R/A (90° Cable, Ass'y Type) H = Front Hexagonal Nut Panel	BACK SHELL, ASSEMBLY STYLE, IP RATING, SERIAL NUMBER 1st Character for Assembly Style S = Solder Type P = 180° PCB Type R = 90° PCB Type W = Screw in Type C = Molding Type I = IDC 2nd Character for IP Rating 6 = IP 66 7 = IP 67 8 = IP 68 3rd Character for Serial Number 000: No Cable 001, 002,... A01 = 1M Cable ~A99 = 99M

SD WATERPROOF SERIES (A, B, C & D STYLE)

SD	CA03	MMBPH	S7000
SERIES INDICATOR SD = Waterproof Series	SERIES, SIZE/CODE, STYLE, POSITIONS 1st Characters for Series C = Circular 2nd Character for Size A = Mini (7/16") B = Standard (5/8") C = Middle (13/16") D = Large (1") 3rd Character for Positions 02, 03, ..., Pins (Positions)	CONNECTOR STYLE, CONTACT TYPE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL 1st Characters for Connector Style M= Male Connector F = Female Connector 2nd Character for Contact Type M = Male Contact F = Female Contact C = Hybrid (Different Size Male Contacts) D = Hybrid (Different Size Female Contacts) E = Female (Large Amp) + Male (Smaller Amp) F = Male (Large Amp) + Female (Smaller Amp) 3rd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock 4th Character for S/R or Lock Style A = Molding Cable w/ SR B = Molding Cable w/o SR C = Ass'y Type w/ SR D = Ass'y Type w/o SR P = Panel Front Mount R = Panel Rear Mount 5th Character for Back Shell L = Straight (180° Cable, Ass'y Type) R = R/A (90° Cable, Ass'y Type) C = Circular Panel Flange S = Square Panel Flange H = Front Hexagonal Nut Panel	ASSEMBLY STYLE, IP RATING, SERIAL NUMBER 1st Character for Assembly Style S = Solder Type P = 180° PCB Type R = 90° PCB Type W = Screw in Type C = Molding Type I = IDC 2nd Character for IP Rating N = No IP 6 = IP 66 7 = IP 67 8 = IP 68 3rd Character for Serial Number 000: w/o Cable 001, 002,... A = UL2464 B = SJTW D = Cat5E E = Cat6 G = Cat6A x01 = 1M Cable ~x99 = 99M x0A = 10cm x0B = 20cm x0C = 30cm ...

SD WATERPROOF SERIES (CIRCULAR STYLE - RJ45, USB)

SD	RPC	JBPC	J8D000
SERIES INDICATOR	SERIES, SIZE, STYLE		
SD = Waterproof Series	Frist 2 Characters for Series RM = RJ45 Metal Housing Metal Nut RP = RJ45 Plastic Housing Plastic Nut UM = USB Metal Housing Metal Nut UP = USB Plastic Housing Plastic Nut 3rd Character for Size/Code C = Middle (13/16")		
	CONNECTOR STYLE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL 1st Characters for Connector Style P = Plug Connector J = Jack Connector 2nd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock 3rd Character for S/R or Lock Style A = Molding Cable w/ SR B = Molding Cable w/o SR C = Ass'y Type w/ SR D = Ass'y Type w/o SR P = Panel Front Mount 4th Character for Back Shell L = Straight (180° Cable, Ass'y Type) C = Circular Panel		
	ASSEMBLY STYLE, IP RATING, CATEGORY/ SHIELDING, SERIAL NUMBER 1st Character for Assembly Style S = Solder Type or w/cable plug C = Molding Type direct cut J = Jack G = Plug A = Adapter 2nd Character for IP Rating 6 = IP 66 7 = IP 67 8 = IP 68 2nd Character for Category/Shielding A = Cat5 Shield B = Cat5 Un-Shield C = Cat5E Shield D = Cat5E Un-Shield E = Cat6 Shield F = Cat6 Un-Shield G = Cat6A Shield H = Cat6A Un-Shield L = USB Type A M = USB Type B S = Shield Ground U = Un-shield Ground 3rd Character for Serial Number 000 : No Cable 001, 002,... A01 = 1M Cable ~A99 = 99M		



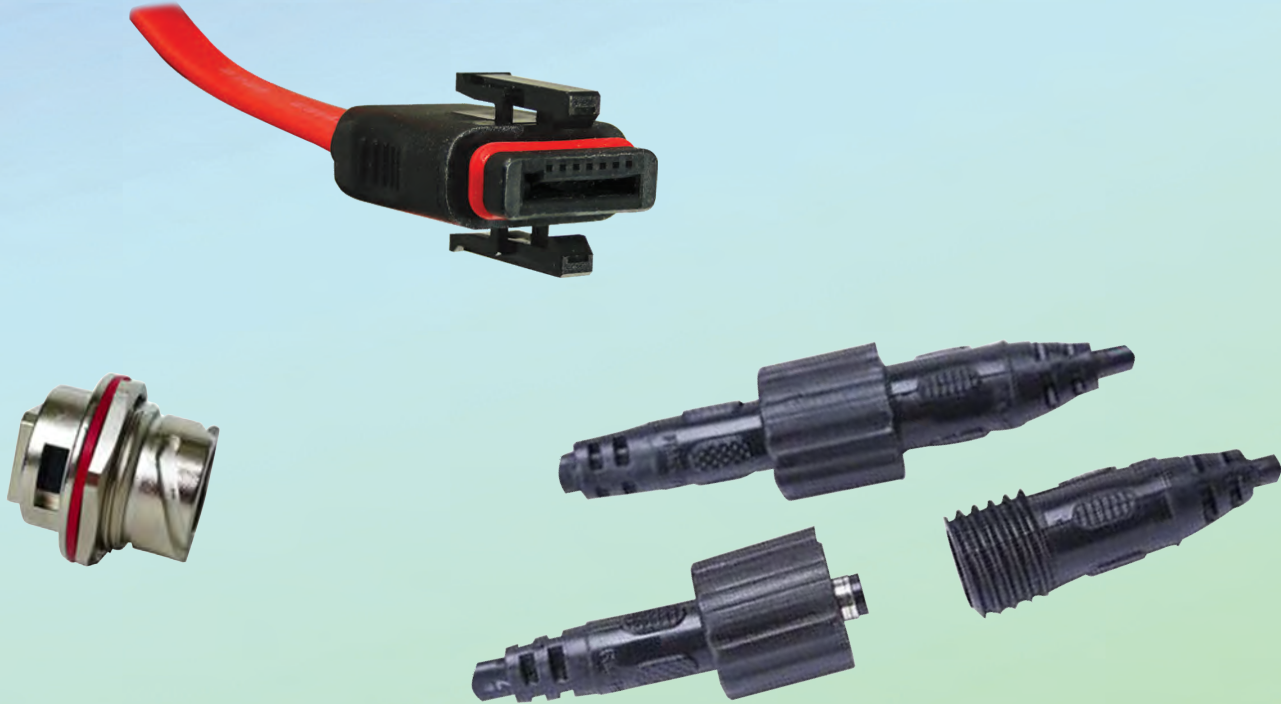
CUSTOM WATERPROOF CONNECTORS

Adam Tech offers full design customization capabilities for our waterproof connectors.

Customers can request different shapes, sizes, and other features to fit into any application requirement necessary.

Fast turn design and full 2D/3D models are available during the design phase.

From concept to production, designing a custom waterproof connector or cable assembly with Adam Tech is a seamless process aimed at total customer satisfaction.



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