

ADAM TECH

INTERCONNECTS

WATERPROOF CONNECTORS



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

SD

SERIES INDICATOR

SD = Waterproof Series



CA03A

SERIES, SIZE, STYLE, POSITIONS

1st Character for Series

C = Circular

2nd Character for Size

A = Mini (7/16")

B = Standard (5/8")

C = Middle (13/16")

D = Large (1")

E = Macro (1, 3/16")

3rd ~4th Character for Positions

02, 03, ..., Pins (Positions)

5th Character for Current Rating

A, B, ..., (Refer to drawing)

MMBPH

CONNECTOR STYLE, CONTACT TYPE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL

1st Character 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 Strain Relief (S/R) or Lock Style

A = Molded Cable w/ SR

B = Molded Cable w/o SR

C = Assembly Type w/ SR

D = Assembly Type w/o SR

P = Panel Front Mount

R = Panel Rear Mount

5th Character for Back Shell

L = Straight (180° Cable)

R = R/A (90° Cable)

C = Circular Panel Flange

H = Front Hexagonal Nut Panel

S70-000

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 = Molded Type

I = IDC

2nd Character for IP Rating

N = No IP

6 = IP66

7 = IP67

8 = IP68

3rd Character for Cable Type

O = Panel or No Cable

A = UL2464

B = UL2517

...

4th ~6th Character for Cable Length

000 = No Cable

1FT, 3FT, 9FT...

SD WATERPROOF SERIES (M STYLE)

SD	MMA03A	MMTAL	C8A-1FT
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 (A coding) 4th~5th Character for Positions 02, 03, ..., Pins (Positions) 6th Character for Current Rating A, B, ..., (Refer to drawing)	CONNECTOR STYLE, CONTACT TYPE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL 1st Character 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 4th Character for Strain Relief (S/R) or Lock Style A = Molded Cable w/ SR B = Molded Cable w/o SR C = Assembly Type w/ SR D = Assembly Type w/o SR P = Panel Front Mount R = Panel Rear Mount 5th Character for Back Shell L = Straight (180° Cable) R = R/A (90° Cable) C = Circular Panel Base H = Hexagonal Panel Base	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 = Molded Type I = IDC 2nd Character for IP Rating 6 = IP66 7 = IP67 8 = IP68 3rd Character for Cable Type O = Panel or No Cable A = UL2464 B = UL2517 ... 4th ~6th Character for Cable Length 000 = No Cable 1FT, 3FT, 9FT...



FEATURES & BENEFITS / APPLICATIONS

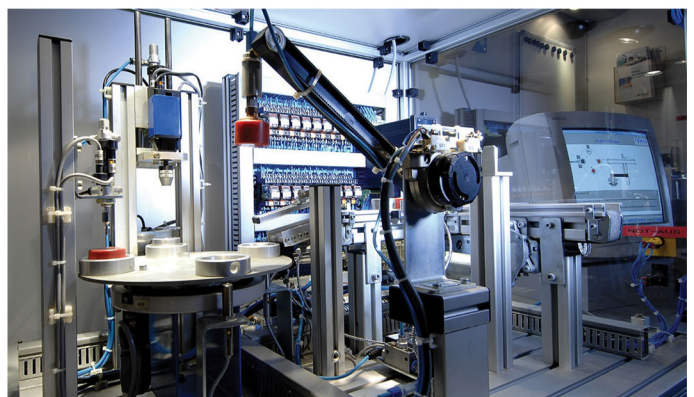
Adam Tech's Waterproof Connector series is a broad range of M Style, Circular, and RJ45/USB mated sets with IP ratings ranging from IP66 – IP68. These connectors are offered in different pin counts and keying styles and can be used in many applications.

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 (CIRCULAR STYLE - RJ45, USB)

SD	UPAC	JBPC	J7D-1FT
SERIES INDICATOR SD = Waterproof Series	SERIES, STYLE, SIZE 1st~2nd or 3rd Characters for Series RM = RJ45 Metal Housing Metal Nut RP = RJ45 Plastic Housing Plastic Nut UPA = USB 2.0 A-TYPE Plastic Housing Plastic Nut NPB = Mini USB B-TYPE Plastic Housing Plastic Nut 3rd or 4th Character for Size/Code C = Middle (13/16")	CONNECTOR STYLE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL 1st Character for Connector Style P = Plug Connector J = Jack Connector 2nd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock 3rd Character for Strain Relief (S/R) or Lock Style A = Molded Cable w/ SR B = Molded Cable w/o SR C = Assembly Type w/ SR D = Assembly Type w/o SR P = Panel Front Mount 4th Character for Back Shell L = Straight (180° Cable) C = Circular Panel	ASSEMBLY STYLE, IP RATING, CATEGORY/ SHIELDING, SERIAL NUMBER 1st Character for Assembly Style S = Solder Type or w/ cable plug C = Molded Type direct cut J = Jack G = Plug A = Adapter 2nd Character for IP Rating 6 = IP66 7 = IP67 8 = IP68 3rd Character for Cable Type O = Panel or No Cable A = UL2464 B = UL2517 ... 4th ~6th Character for Cable Length 000 = No Cable 1FT, 3FT, 9FT...



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.



Adam Tech • USA
909 Rahway Ave
Union, NJ 07083
Tel: 908.687.5000
Fax: 908.687.5710
Email: info@adam-tech.com
www.adam-tech.com

Adam Tech • TAIWAN
5F-17, No.14, Lane 609,
Sec. 5, Chongsin Rd.
New Taipei City, Taiwan (R.O.C.)
Tel: 886-2 2999 8028
Fax: 886-2 2999 8062
Email: sales@adam-tech.com
www.adam-tech.com.tw

