



PRODACONN

PRODUCT SELECTION GUIDE





Prodaconn

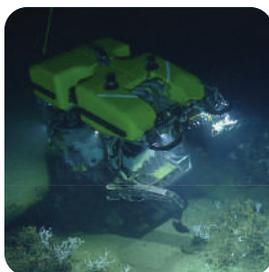
Prodaconn, where the headquarter is in New Taipei City Taiwan, is aiming at developing and providing valuable products to satisfy our customers. By working closely with contract manufacturers, Prodaconn is able to support customers the best lead-time, quality, and customized solutions.

We, as an one stop solution provider, not only offer diversified waterproof interconnects (IP50 ~ IP69K), but also OEM/ODM services to fulfill customers' requirement especially in harsh environment.

We believe that our success is based on our customers' success; and our motivation is based on customers' satisfaction.

With the mission of innovation in waterproof interconnects, Prodaconn is dedicated to provide customization based on applications such as

- Industrial Automation
- Robotic Arms
- Railway Systems
- Broadband Wireless Access
- Medical
- Military
- Agriculture
- Renewable Energy
- Outdoor LED Lighting



PRODUCT FOCUS

M5 Series



Receptacle



Data & Signal	
Coding	A
Pin#	3 4
Current Rating	1A 1A
Working Voltage	60V AC/DC 60V AC/DC
Temperature Range	-40 ~ 105°C
Salt Spray Resistance	48h

M8 Series



Receptacle



Field Installable



Data & Signal						
Coding	A				B	D
Pin#	3	4	6	8	5	4
Current Rating	4A		2A	1.5A	3A	4A
Working Voltage	50V AC / 60V DC		30V AC/DC		30V AC/DC	48V AC / 60V DC
Temperature Range	-40 ~ 105°C					
Salt Spray Resistance	48h					

M12 Series



Data & Signal										
Coding	A							B	D	X
Pin#	3	4	5	8	10	12	17	5	4	8
Current Rating	4A		4A	2A	1.5A			3A	4A	0.5A
Working Voltage	250V AC/DC		60V AC/DC		30V AC/DC			60V AC/DC	250V AC/DC	50V AC / 60V DC
Transmission Speed	-	-	Cat. 5e	-	-	-	-	Cat. 5e	-	Cat. 6A
Temperature Range	-40 ~ 105°C									
Salt Spray Resistance	48h									

Power					
S	T	K	L	M	Y
4	4	5	5	6	4+4
12A	12A	12/16A	12/16A	8A	0.5 / 6A
630V AC	63V DC	63V DC	630V AC	630V AC	30V DC
-	-	-	-	-	-
-40 ~ 105°C					
48h					

M16 / M20 / 7/8" Series



M16		
Coding	A	B
Pin#	3 ~ 12	5 / 7
Current Rating	Up to 5A	
Working Voltage	Up to 250V	
Temperature Range	-40 ~ 105°C	
Salt Spray Resistance	48h	

Receptacle & Field Installable



M20	
Pin#	2 ~ 14
Current Rating	Up to 40A
Working Voltage	250V
Temperature Range	-40 ~ 105°C
Salt Spray Resistance	48h

Receptacle & Field Installable



7/8"	
Pin#	3 ~ 5
Current Rating	Up to 12A
Working Voltage	300V
Temperature Range	-40 ~ 105°C
Salt Spray Resistance	48h

Receptacle & Field Installable



PRODUCT FOCUS

■ Push Pull Series



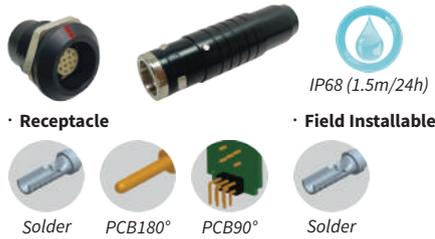
Recognized 360° Shielded UV Resistance High Density Light Weight Color Coding

· B Series (Replacement of LEMO B Series)



Size	00	0	1	2
Pin#	2 ~ 7	2 ~ 9	2 ~ 16	2 ~ 26
Current Rating	Up to 5A	Up to 10A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C			
Salt Spray Resistance	96h			

· K Series (Replacement of LEMO K Series)



Size	0	1	2
Pin#	2 ~ 9	2 ~ 16	2 ~ 26
Current Rating	Up to 10A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C		
Salt Spray Resistance	96h		

· M Series (Replacement of LEMO M Series)



Size	0	1	2
Pin#	2 ~ 5	2 ~ 8	4 ~ 19
Current Rating	Up to 10A	Up to 19A	Up to 25A
Temperature Range	-55 ~ 125°C		
Salt Spray Resistance	96h		

· S Series (Replacement of LEMO S Series) · Receptacle & Field Installable



Uni-pole (Single Contact)				
Size	00	0	1	2
Resistance Ω	50	50	50	75
Current Rating	250	250	250	275

Multi-poles				
Size	00	0	1	2
Pin#	-	2 ~ 4	1 ~ 6	2 ~ 26
Current Rating	-	Up to 10A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C			
Salt Spray Resistance	96h			

· P Series (Replacement of LEMO REDEL P Series)



Size	1
Pin#	2 ~ 14
Current Rating	Up to 10A
Temperature Range	-50 ~ 150°C
Salt Spray Resistance	96h

· C Series (Replacement of ODU AMC Mini Snap)



Size	0	1	2
Pin#	2 ~ 9	2 ~ 16	2 ~ 26
Current Rating	Up to 10A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C		
Salt Spray Resistance	96h		

· L Series (Replacement of ODU Mini Snap B Series)



Size	0	X	1	2
Pin#	2 ~ 9	13 ~ 19	2 ~ 16	2 ~ 26
Current Rating	Up to 10A	Up to 3A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C			
Salt Spray Resistance	96h			

· G Series (Replacement of ODU AMC Break-away)



Size	00
Pin#	12 / 16
Current Rating	Up to 5A
Temperature Range	-55 ~ 125°C
Salt Spray Resistance	96h

· U Series (Replacement of Fischer UltiMate)



Size	00	0	1
Pin#	2 ~ 7	2 ~ 13	5 ~ 16
Current Rating	Up to 5A	Up to 9.2A	Up to 9A
Temperature Range	-55 ~ 125°C		
Salt Spray Resistance	96h		

· F Series (Replacement of Fischer Core Series)



Size	0	A	1	2
Pin#	2 ~ 7	10 ~ 19	2 ~ 16	2 ~ 26
Current Rating	Up to 10A	Up to 1.5A	Up to 15A	Up to 25A
Temperature Range	-55 ~ 125°C			
Salt Spray Resistance	96h			

· A Series (Replacement of Fischer MiniMax)



Size	2A	3A
Pin#	4 / 12	8 / 9 / 19 / 24
Current Rating	Up to 10A	Up to 5A
Transmission Speed	Up to 10 Gbps	Up to 10 Gbps
Temperature Range	-40 ~ 135°C	
Salt Spray Resistance	96h	

· HR Series (Replacement of HIROSE HR Series)



Size	7	10	13
Pin#	4 ~ 6	10 / 12	20
Current Rating	2A		
Working Voltage	Up to 200V	Up to 140V	
Temperature Range	-25 ~ 85°C		
Salt Spray Resistance	48h		

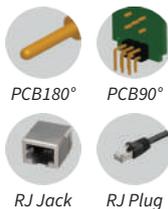
PRODUCT FOCUS

RJ45 Series



Data & Signal	
Mating Style	Screw Thread, 2 Points Lock
Current Rating	1.5A
Working Voltage	125V AC/DC
Temperature Range	-40 ~ 105°C
Salt Spray Resistance	48H
Vibration	5 ~ 150Hz

Receptacle



USB Series



Receptacle



USB Type	Type A 2.0	Type A 3.2 Gen 1	Type C	Mini Type A
Transmission Speed	480 Mbps	5 Gbps	10 Gbps	480 Mbps
Operating Voltage	30V	30V	5V	30V
Current Rating	1.5A	1A	3A	1.5A
Temperature Range	-40 ~ 105°C			
Salt Spray Resistance	48h			
Vibration	5 ~ 150Hz			

D-Sub Series



Data	
Working Voltage	500V DC
Withstanding Voltage	500V AC
Current Rating	5A
Contact Resistance	500MΩ
Working Temperature	-40 ~ 105°C
Salt Spray Resistance	48H
Vibration	5 ~ 150Hz

Receptacle



Field Installable



HDMI Series



Audio / Video Data Transmitting	
Current Rating	0.5A
Working Temperature	-40 ~ 105°C
Salt Spray Resistance	48H
Vibration	5 ~ 150Hz

Receptacle



Circular Series



Receptacle



A Size		B Size			C Size				D Size		
Coding	CAU CAD	CBU	CBD	CBB	CCU	CCD	CCB	CCC	CDU	CDD	CDC
Pin#	4 ~ 6 2 ~ 3	10 ~ 12	2 ~ 8	2 ~ 4	18 ~ 20	7 ~ 14	4 ~ 6	3	20 ~ 24	18	2 ~ 7
Current Rating	2A 5A	2A	5A	10A	2A	5A	10A	20A	2A	5A	20A
Working Voltage	250V	250V			250V				300V		
Temperature Range	-40 ~ 105°C	-40 ~ 105°C			-40 ~ 105°C				-40 ~ 105°C		
Salt Spray Resistance	48h	48h			48h				48h		

Vent



Type	Hydrophobic / Oleophobic
Size	M6 / M8 / M12 / M20 / M24 / M32
Material	PA66 / PC / ABS / SS304 / SS316L / AL
Temperature Range	-40 ~ 105°C
Salt Spray Resistance	48h



Stay Connected

Stay Waterproof

Prodaconn Technology Co., Ltd.

■ Taiwan

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