

LP fast waterproof connector

Cnlinko LP series waterproof connectors have been widely used in various challenging environments and occasions with its high precision, high quality automatic plugging and self-locking devices. Such as audio-visual equipment, medical equipment, industrial control, detection and measurement equipment, AV systems, radio and television and communications industry and so on.

Simple operation, fast and stable link device, challenging outdoor waterproof performance. To meet the environmental protection requirements of industrial equipment in the world while satisfying the quality.



- M12-M28
- IP Protection Class (Mated):IP67

Linko LP series multi-aplicated connector, Simple operation, fast and stable link device, and its outdoor waterproof property has achieved IP67 IP Protection Class. To meet the environmental protection requirements of industrial equipment in the world while satisfying the quality.

• Series product information:

Series : LP- 12 、 LP- 16 、 LP- 20 、 LP- 24 、 LP- 28

Hole size: M12 、 M16、 M20、 M24、 M28

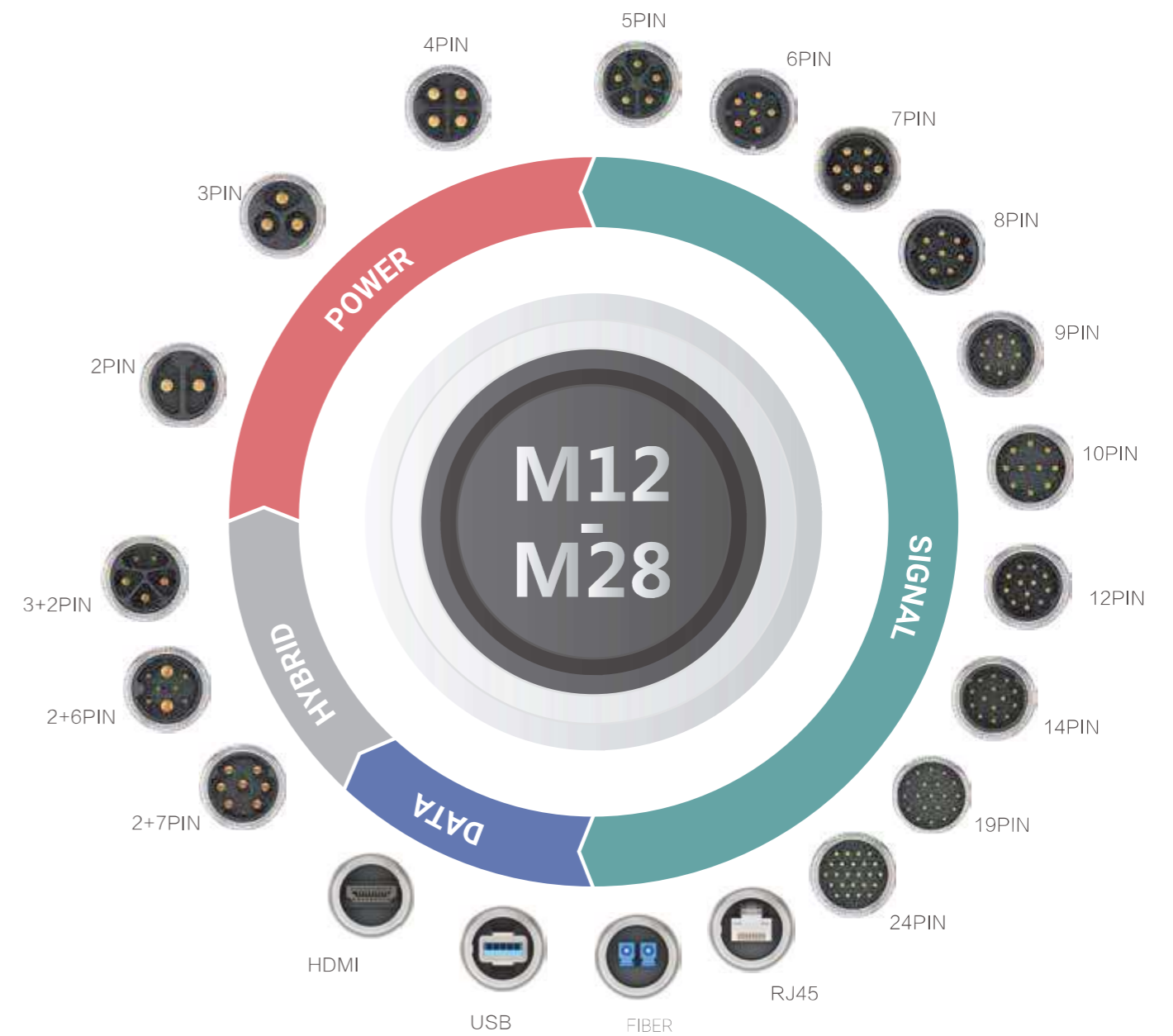
Application type : Multi-core (2、 3、 4、 5、 6、 7、 8、 9、 10、 12、 14、 19、 24pin and customized 3+2、 2+6、 2+7pin)

Signal (RJ45、 Fibre)

Data (USB2.0、 USB3.0、 HDMI)

Material type: plastic、 plastic+metal、 metal

• Application Of Graphic



Series information graph

LP-12 series information Graph

Product application type:

Power: 2/3/4/5pin

Signal: 6/7/8pin

The voltage can arrive 250v when the power connection is working, rated current 5A (2- 6pin) rated current 3A (7- 8pin) ,the shielded connector can be chosen.

- Multi-core
Cable Range: 3.0~6.0mm

LP-24 series information Graph

Product application type:

Power: 3/4pin

Signal: 10/12/19/24pin、RJ45、Fibre

Data : USB, HDMI

The voltage can arrive 500v when the power connection is working, rated current 22A (3- 4pin) , rated current 10A (10- 12pin),,rated current 5A (19- 14pin) the shielded connector can be chosen.

- Multi-core
Power Cable range: \varnothing 9.0~ \varnothing 14.0mm
- Signal Type
Signal RJ45 Cable Range: \varnothing 5.0~ \varnothing 6.5mm
Signal Fiber Cable Range: \varnothing 5.0~ \varnothing 6.5mm
- Data Type
USB Cable Range: \varnothing 5.0~ \varnothing 6.5mm
HDMI Cable Range: \varnothing 5.0~ \varnothing 6.5 mm

LP-16 series information Graph

Product application type:

Power: 2/3/4/5pin

Signa: 7/8/9pin、RJ45、Fibre

The voltage rating of power supply connection can reach 500V, rated current 10A (2- 3- 4 cores), rated current 5A (5- 7- 8- 9 cores), the shielded connector can be chosen.

- Multi-core
Cable Range:3.0~ 9.0mm

LP-20 series information Graph

Product application type:

Power: 2/3/4/5pin

Signal: 7/9/12/14pin

The voltage can arrive500v when the power connection is working, rated current 20A (2- 3- 4pin) ,rated current12A (5- 7pin) ,the shielded connector can be chosen

- Multi-core
Cable Range 5.0~ 13.0mm

LP-28 series information Graph

Product application type:

Power: 2- 3pin

Signa: 8pin

The rated voltage of power supply connection can reach 500V, the rated current is 35A (2,3 cores) and the rated current is 15A (8 cores). Shielding connectors are optional.

- Multi-core
Cable Range: \varnothing 13.0~ \varnothing 20.0mm





LP-24 be used in Control Box of Machinery Equipment

Characteristics



Reliable waterproof property

- LP series protection level up to ip67 when mated, for the equipment to provide good electrical protection performance.



Various wiring modes

- LP series waterproof connectors adopts two wiring modes, screwing and soldering (3PIN adopts screwing and soldering at present).



Stable and secure connection

- Use spring button fastening connection, convenient and fast, safe and firm.



Structural Sketch

- Precise structural positioning system ensures the safety and stability of connection performance.



- In-line connector



- Ergonomic structural process design, built from a harsh testing environment



- Waterproof ,High temperature resistance and cold resistance.



- Anti-electronic interference, faster transmission, safer, more stable.







Installation mode

- Linko LP series products are adopting Flange Mounting, Panel Mounting installation mode, can be used in front or rear of the plate connection, but also used the board outside line installation mode.

LP-20 Data Sheet

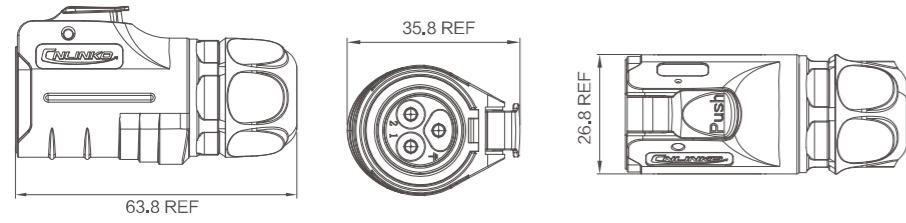
M20 Power + Signal	Product Series	LP-20																			
	Pin Number	2PIN		3PIN		4PIN		5PIN		6PIN	7PIN		8PIN	9PIN		12PIN		14PIN			
	Section diagram	PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	—		PIN	Mounting	—		PIN	Mounting	PIN	Mounting	PIN	Mounting
	Current Rating	20A						12A						5A							
	Voltage Rating	500V						250V						200V							
	Cable range	Ø5.0~Ø13.0mm																			
	Wire Gauge	2.5~4.0mm ² /14~12AWG						1.3mm ² /16AWG						0.3~0.5mm ² /22-20AWG							
	IP Protection Class (Mated)	IP67 (Mated)																			
	Termination	Soldering		Soldering/ Screw Locking		Soldering															
	Product Picture	material	Part Number																		
Cable connector	Plastic / Metal	Male	LP-20-C02PE-01-005	LP-20-C03PE-01-005	LP-20-C04PE-01-005	LP-20-C05PE-01-005	—		LP-20-C07PE-01-005	—		LP-20-C09PE-01-005	LP-20-C12PE-01-005	LP-20-C14PE-01-005							
		Female	LP-20-J02PE-07-001	LP-20-J03PE-07-001	LP-20-J04PE-07-001	LP-20-J05PE-07-001	—		LP-20-J07PE-07-001	—		LP-20-J09PE-07-001	LP-20-J12PE-07-001	LP-20-J14PE-07-001							
In-line Cable connector		Male	LP-20-C02PP-06-001	LP-20-C03PP-06-001	LP-20-C04PP-06-001	LP-20-C05PP-06-001	—		LP-20-C07PP-06-001	—		LP-20-C09PP-06-001	LP-20-C12PP-06-001	LP-20-C14PP-06-001							
		Female	LP-20-J02PP-06-001	LP-20-J03PP-06-001	LP-20-J04PP-06-001	LP-20-J05PP-06-001	—		LP-20-J07PP-06-001	—		LP-20-J09PP-06-001	LP-20-J12PP-06-001	LP-20-J14PP-06-001							
4 Hole Flange Socket		Male	LP-20-C02SX-15-001	LP-20-C03SX-15-001	LP-20-C04SX-15-001	LP-20-C05SX-15-001	—		LP-20-C07SX-15-001	—		LP-20-C09SX-15-001	LP-20-C12SX-15-001	LP-20-C14SX-15-001							
		Female	LP-20-J02SX-15-001	LP-20-J03SX-15-001	LP-20-J04SX-15-001	LP-20-J05SX-15-001	—		LP-20-J07SX-15-001	—		LP-20-J09SX-15-001	LP-20-J12SX-15-001	LP-20-J14SX-15-001							
2 Hole Flange Socket		Male	LP-20-C02SX-14-001	LP-20-C03SX-14-001	LP-20-C04SX-14-001	LP-20-C05SX-14-001	—		LP-20-C07SX-14-001	—		LP-20-C09SX-14-001	LP-20-C12SX-14-001	LP-20-C14SX-14-001							
		Female	LP-20-J02SX-14-001	LP-20-J03SX-14-001	LP-20-J04SX-14-001	LP-20-J05SX-14-001	—		LP-20-J07SX-14-001	—		LP-20-J09SX-14-001	LP-20-J12SX-14-001	LP-20-J14SX-14-001							
Single Hole Socket		Male	LP-20-C02SX-13-001	LP-20-C03SX-13-001	LP-20-C04SX-13-001	LP-20-C05SX-13-001	—		LP-20-C07SX-13-001	—		LP-20-C09SX-13-001	LP-20-C12SX-13-001	LP-20-C14SX-13-001							
		Female	LP-20-J02SX-13-001	LP-20-J03SX-13-001	LP-20-J04SX-13-001	LP-20-J05SX-13-001	—		LP-20-J07SX-13-001	—		LP-20-J09SX-13-001	LP-20-J12SX-13-001	LP-20-J14SX-13-001							

LP-20 Data Sheet

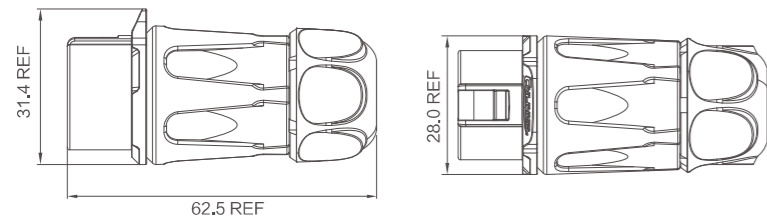
M20 Power + Signal	Product Series		LP-20																			
	Pin Number		2PIN		3PIN		4PIN		5PIN		6PIN		7PIN		8PIN		9PIN		12PIN		14PIN	
	Section diagram		PIN	Mounting	PIN	Mounting	PIN	Mounting	PIN	Mounting	—		PIN	Mounting	—		PIN	Mounting	PIN	Mounting	PIN	Mounting
	Current Rating		20A								12A				—		5A					
	Voltage Rating		500V								250V				—		200V					
	Cable range		$\varnothing 5.0 \sim \varnothing 13.0 \text{mm}$																			
	Wire Gauge		2.5~4.0mm ² /14~12AWG								1.3mm ² /16AWG				—		0.3~0.5mm ² /22-20AWG					
	IP Protection Class (Mated)		IP67 (Mated)																			
	Termination		Soldering		Soldering/ Screw Locking		Soldering															
	Product Picture	material	Part Number																			
Plastic Cable connector 	Plastic / Metal	Male	LP-20-C02PE-04-001	LP-20-C03PE-04-001	LP-20-C04PE-04-001	LP-20-C05PE-04-001	—		LP-20-C07PE-04-001	—		LP-20-C09PE-04-001	LP-20-C12PE-04-001	LP-20-C14PE-04-001								
In-line Cable connector 		Female	LP-20-J02PP-04-001	LP-20-J03PP-04-001	LP-20-J04PP-04-001	LP-20-J05PP-04-001	—		LP-20-J07PP-04-001	—		LP-20-J09PP-04-001	LP-20-J12PP-04-001	LP-20-J14PP-04-001								
Panel Mounting Rear Locking 		Female	LP-20-J02SX-07-001	LP-20-J03SX-07-001	LP-20-J04SX-07-001	LP-20-J05SX-07-001	—		LP-20-J07SX-07-001	—		LP-20-J09SX-07-001	LP-20-J12SX-07-001	LP-20-J14SX-07-001								
Metal Cable connector 		Male	LP-20-C02PE-03-002	LP-20-C03PE-09-001	LP-20-C04PE-09-001	LP-20-C05PE-03-002	—		LP-20-C07PE-03-002	—		LP-20-C09PE-03-002	LP-20-C12PE-09-001	LP-20-C14PE-03-002								
		Female	LP-20-J02PE-03-000	LP-20-J03PE-03-000	LP-20-J04PE-03-000	LP-20-J05PE-03-000	—		LP-20-J07PE-03-000	—		LP-20-J09PE-03-000	LP-20-J12PE-03-000	LP-20-J14PE-03-000								

LP-20 Appearance Dimension

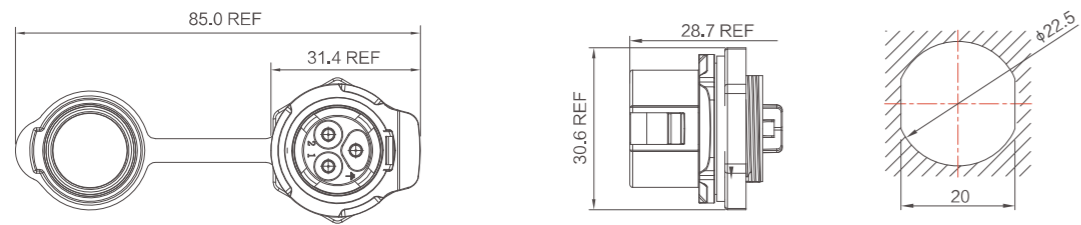
Plastic Cable connector



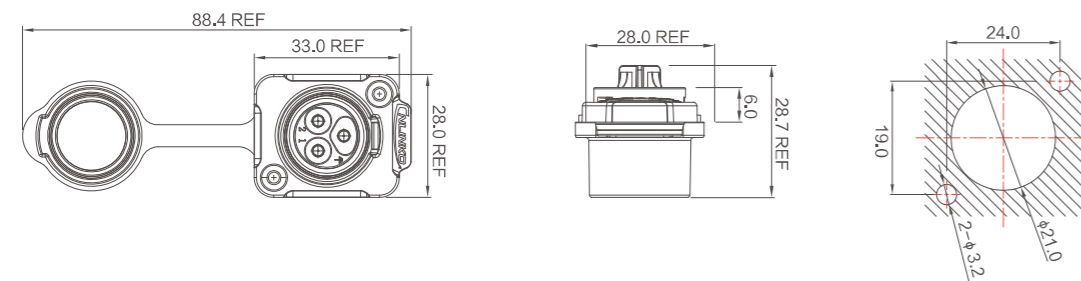
In-line Cable connector



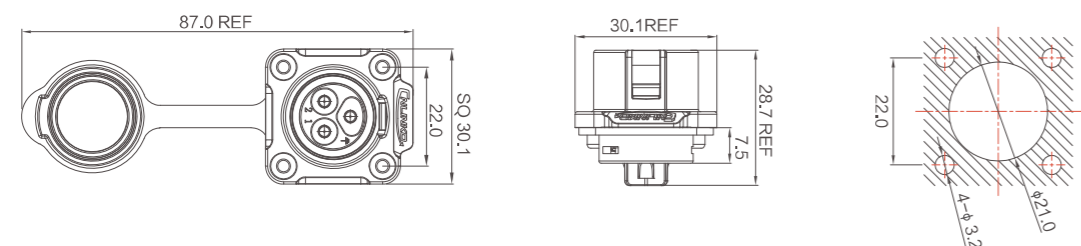
Single Hole Socket



2 Hole Flange Socket

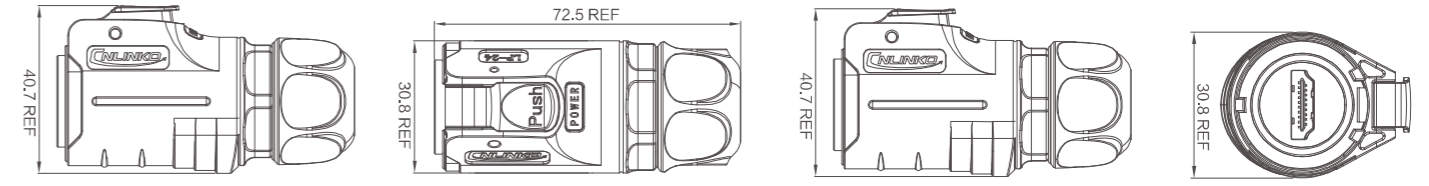


4 Hole Flange Socket



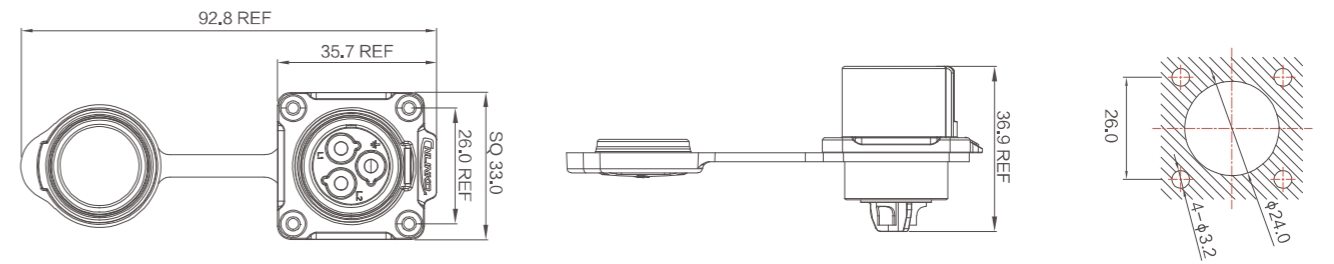
LP-24 Appearance Dimension

Plastic Cable connector

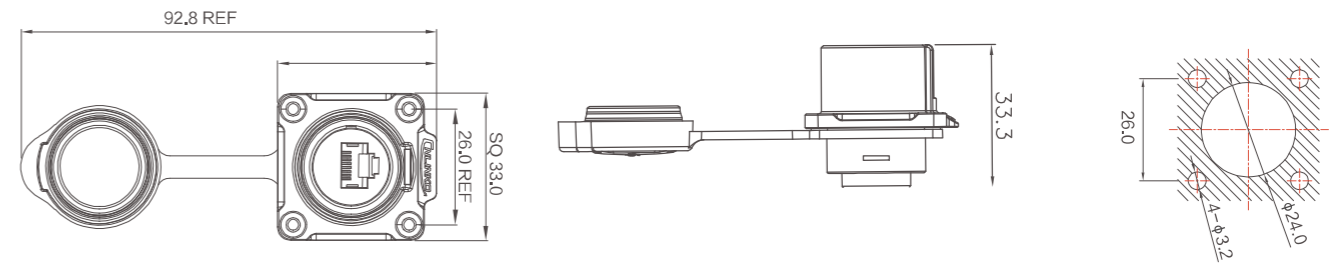


HDMI Cable connector

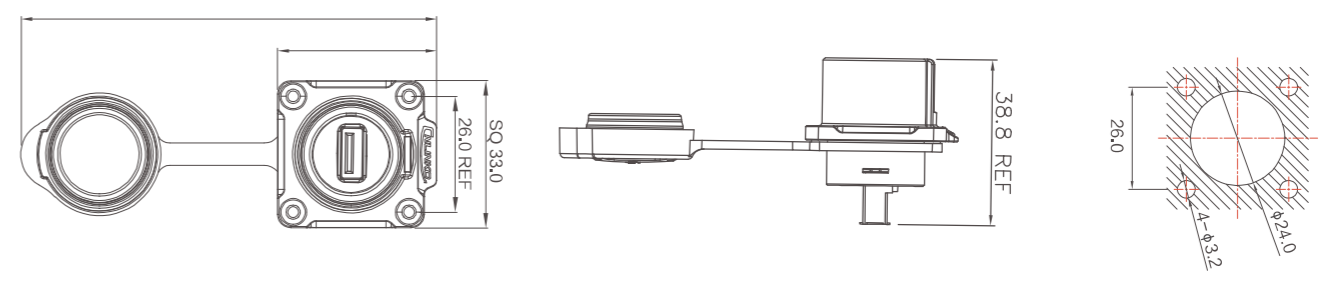
Power Flange Panel Mounting



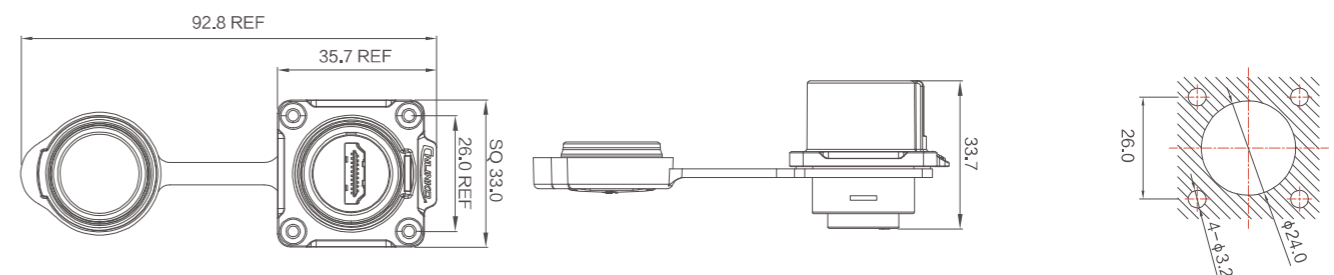
RJ45 Flange Panel Mounting



USB Flange Panel Mounting



HDMI Flange Panel Mounting



LP-24 Data Sheet

M24 Power + Signal	Product Series	LP-24															
	Pin Number	3PIN		4PIN		10PIN		12PIN		19PIN		24PIN		RJ45	FIBER	USB	HDMI
	Section diagram	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 	PIN 	Mounting 				
	Current Rating	25A				10A				5A				1.2A		0.5A	
	Voltage Rating	500V				400V				250V				42V		5V	
	Cable range	Ø9.0~Ø14.0mm											Ø5.0~Ø6.5mm				
	Wire Gauge	2.5~4.0mm²/14-12AWG				0.8~1.3mm²/18-16AWG				0.3~0.5mm²/22-20AWG				0.15~0.2mm²/26-24AWG			
	IP Protection Class (Mated)	IP67 (Mated)															
	Termination	Soldering															
	Product Picture	material	Part Number														
Power Cable connector 	Plastic + Metal	Male	LP-24-C03PE-01-001	LP-24-C04PE-01-001	LP-24-C10PE-01-001	LP-24-C12PE-01-001	LP-24-C19PE-01-001	LP-24-C24PE-01-001	—	—	—	—	—	—	—	—	
		Female	LP-24-J03PE-01-001	LP-24-J04PE-01-001	LP-24-J10PE-01-001	LP-24-J12PE-01-001	LP-24-J19PE-01-001	LP-24-J24PE-01-001	—	—	—	—	—	—	—	—	—
Flange Mounting 		Male	LP-24-C03SX-01-001	LP-24-C04SX-01-001	LP-24-C10SX-01-001	LP-24-C12SX-01-001	LP-24-C19SX-01-001	LP-24-C24SX-01-001	—	—	—	—	—	—	—	—	—
		Female	LP-24-J03SX-01-001	LP-24-J04SX-01-001	LP-24-J10SX-01-001	LP-24-J12SX-01-001	LP-24-J19SX-01-001	LP-24-J24SX-01-001	—	—	—	—	—	—	—	—	—
RJ45 Cable connector 		Male											LP-24-RJ45-P01				
		Female											LP-24-RJ45-S01				
HDMI Cable connector 		Male												LP-24-HDMI2-P01			
		Female												LP-24-HDMI2-S01			
USB Cable connector 		Male													LP-24-USB3-P01		
		Female													LP-24-USB3-S01		
FIBER Cable connector 		Male														LP-24-F00PE-P01	
		Female														LP-24-F00SX-S01	