



Male plug



Female connector



Female socket

- 1: With multi-core(2-8 core) design to fit with different industrial needs.
- 2: Design snap lock ensures stable and security firm.
- 3: Humanization design achieved blind operation.
- 4: Both soldering and crimping are available.
- 5: Socket and internal made of zinc alloy, with well protected electromagnetic and radio frequency interference .
- 6: Gold-plating; high strength corrosion resistance and electrical conductivity .
- 7: Shell made of material PBT, stable electrical performance, high strength and resistance to pressure, high temperature resistance , anti-explosion, anti-corrosive.
- 8: Both cable connector to cable connector and cable connector to panel mounting are available.
- 9: IP65/IP67 when mated.
- 10: Please indicate if you need the IP level more high.



Unique CNLINKO design



Gold-plating copper






Groove female design



Unique design reinforce lock

Pin Number	2Pin	3Pin	4Pin
<b>PICTURE AND PART NO.</b>	 LP-12-C02PE-02-001 Male plug	 LP-12-C03PE-02-001 Male plug	 LP-12-C04PE-02-001 Male plug
	 LP-12-J02PP-02-001 Female connector	 LP-12-J03PP-02-001 Female connector	 LP-12-J04PP-02-001 Female connector
	 LP-12-J02SX-03-001 Female socket	 LP-12-J03SX-03-001 Female socket	 LP-12-J04SX-03-001 Female socket
	Male plug & Female socket		
	  		
	Cable specification	≤0.785M <sup>2</sup> /18AWG	
Diameter range	Φ3mm ~ Φ7mm		
Contact diameter × number	Φ1.5×3	Φ1.0×3	Φ1.0×4
Rated Current (A)	5A		
Operating voltage (AC.V.rms)	250V		
Contact resistance	<5mΩ		<5mΩ
Temperature rise	5A contact temperature below 30°C 7A.....40°C↓, 10A.....50°C↓. /		
Withstanding Voltage (AC.V) 1 minute	1500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	≥500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		
<b>MATERIALS</b>			
Housing&insulation parts	High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)		
cooper pins	Copper alloy (gold-plated 4U)		
waterproof cover	Silica gel		
Flammability rating	UL94-V0		

# LP-12 SERIES SPECIFICATIONS SHEET

Pin Number	5Pin	6Pin	7Pin	8Pin
<b>PICTURE AND PART NO.</b>  Male plug& Female socket				
	LP-12-C05PE-02-001 Male plug	LP-12-C06PE-02-001 Male plug	LP-12-C07PE-02-001 Male plug	LP-12-C08PE-02-001 Male plug
				
	LP-12-J05PP-02-001 Female connector	LP-12-J06PP-02-001 Female connector	LP-12-J07PP-02-001 Female connector	LP-12-J08PP-02-001 Female connector
				
	LP-12-J05SX-03-001 Female socket	LP-12-J06SX-03-001 Female socket	LP-12-J07SX-03-001 Female socket	LP-12-J08SX-03-001 Female socket



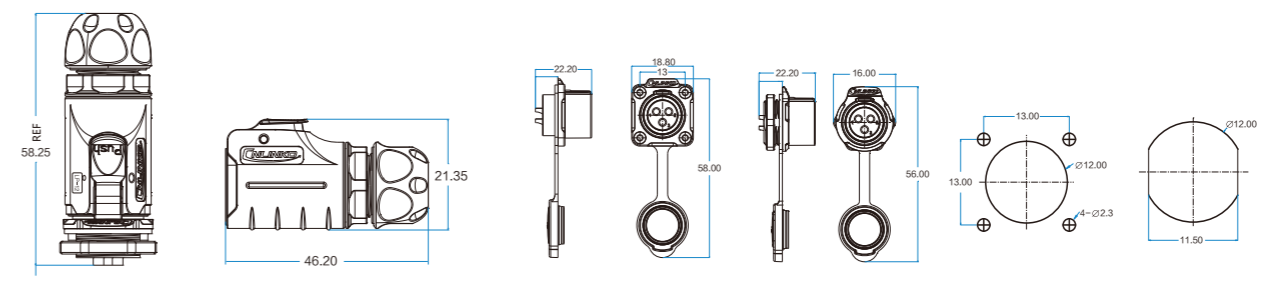
Cable specification	≤0.785M m <sup>2</sup> /18AWG			
Diameter range	Φ3mm ~ Φ6mm			
Contact diameter × number	Φ1.0×5	Φ0.8×6	Φ0.8×7	Φ0.8×8
Rated Current (A)	5A		3A	
Operating voltage (AC.V.rms)	250V		200V	
Contact resistance	<5mΩ		<10mΩ	
Temperature rise	7A.....40°C↓, 10A.....50°C↓.		/	
Withstanding Voltage (AC.V) 1 minute	1500V		1500V	
Insulation resistance	> 500MΩ			
Protection level	IP65/IP67			
Durability	≥500times			
Working temperature	-40°C ~ 80°C			
Connecting mode	Easy locking type			
Assembly wire	Soldering/Crimping			

MATERIALS	
Housing&insulation parts	High-performance engineering plastics
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## CONNECTION SCHEMES



## DIMENSION FIGURE



Dimensions figure      PE clamping cable plug ( dimensions figure )      SX socket ( dimensions figure )      Installation hole figure