



LP-20

WATERPROOF CONNECTOR



LP-20-C03PE-01-001 Male plug



LP-20-J03PP-01-001 Connection



LP-20-J03SX-01-001 Female socket

- Multi-core design styles (2-12 cores), in line with the diversity of industrial demand, signal and power compatible match
- Socket and internal components zinc alloy material, with a complete electromagnetic and radio frequency interference protection
- Gold-plated contacts, high-strength corrosion resistance and electrical conductivity, effective response to temperature changes in current
- PBT material shell, stable electrical performance, high strength and resistance to pressure, high temperature resistance, anti-explosion, anti-corrosive
- Unique docking design, a solid line extends infinitely long
- 4-hole mounting, solid flawless, thread type transposon installation, suitable for circular openings industrial installation
- 20A rms rated current
- Protection Level: IP65/IP67
- pls indicate if you need the protection level more high



LP-20-J03SX-01-001 Female socket



LP-20-J03SX-01-001 Protective cover



CNLINKO Design



Gold-plated Copper Contact
























Groove Female Design



LINKO Design With Reinforce Lock

LP-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS
PICTURE	Male plug& Female socket	 LP-20-C02PE-01-001 male plug	 LP-20-C03PE-01-001 male plug	 LP-20-C04PE-01-001 male plug
		 LP-20-J02PP-01-001 connection female plug	 LP-20-J03PP-01-001 connection female plug	 LP-20-J04PP-01-001 connection female plug
		 LP-20-J02SX-01 female socket (french)	 LP-20-J03SX-01 female socket (french)	 LP-20-J04SX-01-001 female socket (french)
	Female plug& Male socket	 LP-20-J02PE-01-001 female plug	 LP-20-J03PE-01-001 female plug	 LP-20-J04PE-01-001 female plug
		 LP-20-C02PP-01-001 connection male plug	 LP-20-C03PP-01-001 connection male plug	 LP-20-C04PP-01-001 connection male plug
		 LP-20-C02SX-01-001 male socket (french)	 LP-20-C03SX-01-001 male socket (french)	 LP-20-C04SX-01-001 male socket (french)
				
Cable specification	2.5m ² ~ 4m ² /14 ~ 12 AWG			
Diameter range	Φ8mm ~ Φ12mm			
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4	
Rated Current (A)	20A			
Operating voltage (AC.V.rms)	500V			
Contact resistance	<1mΩ			
Temperature rise	20A contact temperature below 30°C), 25A40°C↓ , 30A.....50°C↓.			
Withstanding Voltage (AC.V) 1 minute	2500V			
Insulation resistance	> 500MΩ			
Protection level	IP65/IP67			
Durability	≥500			
Working temperature	-40°C ~ 80°C			
Connecting mode	plug/unplug			
Assembly wire	solder			
Housing, the insulating parts	High-performance engineering plastics			
Hardware	Zinc Alloy (pearl hard chrome)			
Copper needles	Copper alloy (gold-plated 4U)			
Waterproof circle	Silica gel			
Flammability rating	UL94-V0			

5PINS

7PINS

9PINS

12PINS



LP-20-C05PE-01-001
male plug



LP-20-J05PP-01-001
connection female plug



LP-20-J05SX-01-001
female socket (french)



LP-20-J05PE-01-001
female plug



LP-20-C05PP-01-001
connection male plug



LP-20-C05SX-01
male socket (french)



LP-20-C07PE-01-001
male plug



LP-20-J07PP-01-001
connection female plug



LP-20-J07SX-01-001
female socket (french)



LP-20-J07PE-01-001
female plug



LP-20-C07PP-01-001
connection male plug



LP-20-C07SX-01-001
male socket (french)



LP-20-C09PE-01-001
male plug



LP-20-J09PP-01-001
connection female plug



LP-20-J09SX-01-001
female socket (french)



LP-20-J09PE-01-001
female plug



LP-20-C09PP-01-001
connection male plug



LP-20-C09SX-01-001
male socket (french)



LP-20-C12PE-01-001
male plug



LP-20-J12PP-01-001
connection female plug



LP-20-J12SX-01-001
female socket (french)



LP-20-J12PE-01-001
female plug



LP-20-C12PP-01-001
connection male plug



LP-20-C12SX-01-001
male socket (french)



1.0m m² ~ 1.5m m² / 18 ~ 16 AWG
Φ7mm ~ Φ9mm

0.15m m² ~ 0.2m m² / 26-24 AWG
Φ5.5mm ~ Φ7mm

Φ2.0×5

Φ2.0×7

Φ1.0×9

Φ1.0×12

12A

5A

500V

400V

<2.5mΩ

<5mΩ

12A.....30°C↓, 15A.....40°C↓, 20A.....50°C↓.

/

2500V

1500V

> 500MΩ

IP65/IP67

≥500

-40°C ~ 80°C

plug/unplug

solder

High-performance engineering plastics

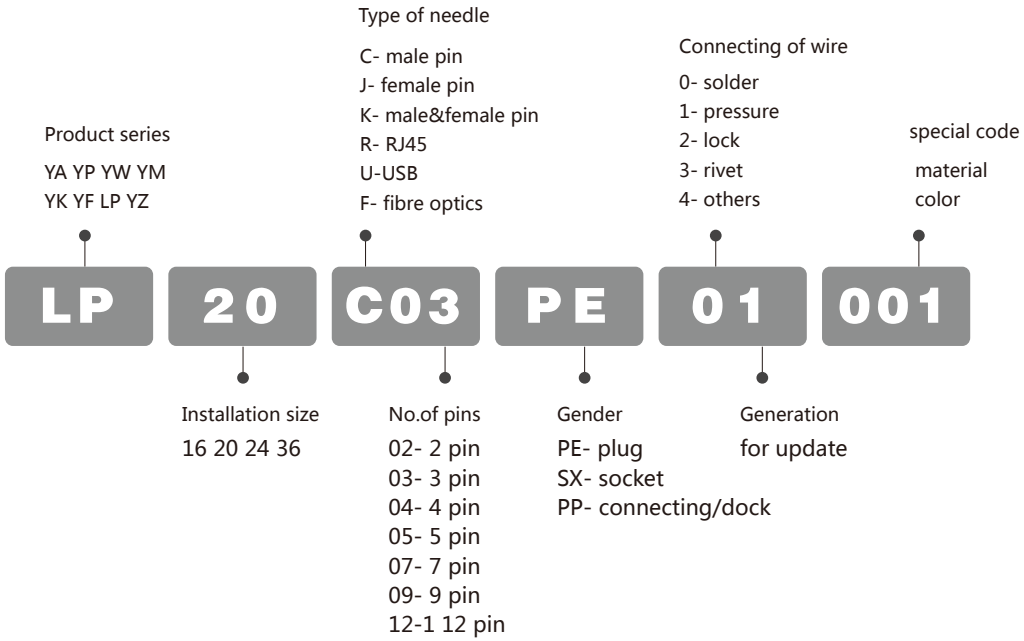
Zinc Alloy (pearl hard chrome)

Copper alloy (gold-plated 2U)

silica gel

UL94-V0

MODEL CODE



CONNECTION SCHEMES



DIMENSION FIGURE

