

YZ SERIES

YZ Optical fiber
Waterproof connector

YZ waterproof connector application type



YZ(M20) connector, using full zinc alloy shell structure and pure gold plated contacts, meets the application requirements of high-end products, uses rotary locking, safe and firm, 3Pin power supply and different number of pins are compatible at the same time, and are widely used in different field.

• Series product information:

Series code:	YZ- 20
Hole size:	Please refer to the external dimension drawing for detailed hole size.
Application types:	Multi Pins (2、3、4、5、7、9、12、14pin) The working voltage of the power connection can reach 300V, current rated is 20A (2、3、4 pin), 10A (5、7 pin), 5A (9、12,14 pin)
Material type:	Metal type

• Introduction:

Product types include power 2, 3, 4, 5, 7, 9, 12, 14 pin. The metal model uses a zinc alloy shell, which has high strength; the plastic model uses an engineering plastic shell, which is light in weight.

• Main body material, process and surface treatment:

Shell:	Material: Metal	Surface treatment: Chrome plating
	Production Process: Die Casting & Machining	

• Module material, process and surface treatment:

Contact:	Material: Male/Female Pin (Copper Alloy)	Production Process: Machining & Stamping
	Surface Treatment: Gold plated over nickel	
Insulator:	Material: Engineering Plastic	Production process: injection molding

• Packaging and Storage:

The product is in a sealed bag, with a small box in the large box, and a label on the small box. The label indicates the product name, model, batch number, and number of products. Packaged products are recommended to be stored in a warehouse with an ambient temperature of 25℃±3℃,a relative humidity of ≤72%, and no acidic, alkaline and other corrosive gases in the surrounding air. Other storage environments may affect product life.

• Check the official website YZ series area:

Scan the QR code below to check the BD area of CNLINKO's official website. If you have any doubts, you can contact the online customer service for more detailed product information.



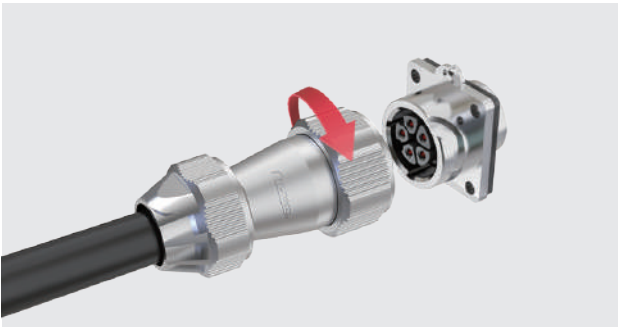
QR code of YZ series

Applications



YZ 20 series products are used in a control box of an automation equipment

Features Overview



Bayonet Design

YZ series adopts Bayonet locking connection, which is convenient, fast, safe and firm.



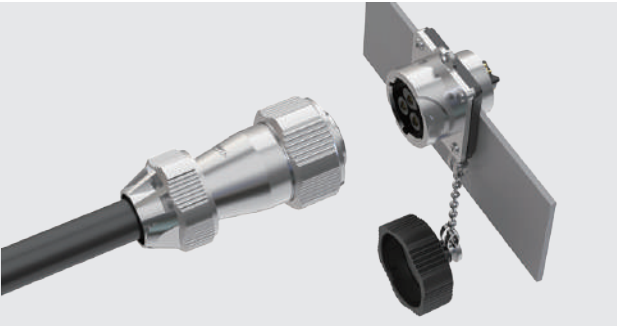
Electromagnetic and RFI protection

All-zinc alloy housing with complete electromagnetic and radio frequency interference protection to meet the matching needs of various application environments.



Schematic diagram of product structure

The precise structural positioning system ensures the safety and stability of the connection performance.



Installation method

The Receptacle adopts four-hole panel installation, which is convenient and stable.

Series Infographic



YZ-20 Series Information Overview P119

Product application type:	Power: 2/3/4 pin	
	Signal: 5/7/9/12/14 pin	
	The current is connected with the operating voltage: 300V（2~5、7pins），250V（8~pins hybrid、9、12、14pins） The rated current: 20A(2~4pins)，10A（5、7pins），20A+5A（8~pins hybrid），5A（9、12、14pins）	
Cable O.D:	Multi-pin type: Φ10.0~12.2mm，Φ10.0~12.0mm，Φ7.0~8.5mm，Φ5.0~6.5mm	
Details page:	Product Parameter Map: P119	Dimension Drawing: P119

Main feature:

- All-zinc alloy shell, with complete electromagnetic and radio frequency interference protection;
- 1/4 Bayonet connection, stable and safe;
- humanized design of the Coupling ring anti-slip;
- The suspended dust cover design can effectively prevent foreign objects from entering in non-working state, with high safety performance and convenient operation;
- The product meets the IP67 protection level when connected.

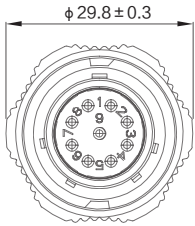
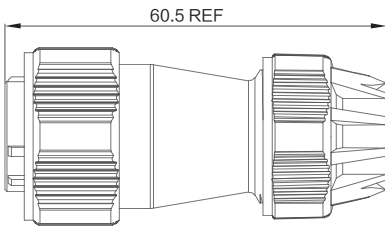
YZ-20 Datasheet

YZ-20

M20 Power/Signal	Product Series		YZ-20																					
	Pin Number		2PIN		3PIN		4PIN		5PIN		7PIN		8PIN		9PIN		12PIN		14PIN		—			
	Application Type Section		 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male		 Female	 Male	 Female	 Male	 Female	 Male	 Female	 Male	 Female	—		
	Current Rating		20A						10A		10A		20A+5A		5A						—			
	Voltage Rating		AC 300V						AC 300V						AC 250V		AC 250V						—	
	Cable O.D Range		≤ ϕ 14.0mm										≤ ϕ 14.0mm										—	
	Wire Size		2.5mm ² /12AWG						1.5mm ² /16AWG		1.5mm ² /16AWG		2.5mm ² /12AWG 0.5mm ² /20AWG		0.5mm ² /20AWG						—			
	Protection Level		Standard is IP65, IP67&IP68 Option Available										Standard is IP65, IP67&IP68 Option Available											
	Assembly Method		Soldering / Screwing						Soldering / Screwing				Soldering											
	Illustration	Material	Part No																					
Plug	Metal	Male	YZ-20-C02PE-03-001A	YZ-20-C03PE-03-001A	YZ-20-C04PE-03-001A	YZ-20-C05PE-03-001A	YZ-20-C07PE-03-001A		YZ-20-C08PE-03-001A	YZ-20-C09PE-03-001A	YZ-20-C12PE-03-001A	YZ-20-C14PE-03-001A	—											
		Female	YZ-20-J02PE-03-001A	YZ-20-J03PE-03-001A	YZ-20-J04PE-03-001A	YZ-20-J05PE-03-001A	YZ-20-J07PE-03-001A		YZ-20-J08PE-03-001A	YZ-20-J09PE-03-001A	YZ-20-J12PE-03-001A	YZ-20-J14PE-03-001A	—											
Four-hole flange receptacle		Male	YZ-20-C02SX-03-401A	YZ-20-C03SX-03-401A	YZ-20-C04SX-03-401A	YZ-20-C05SX-03-401A	YZ-20-C07SX-03-401A		YZ-20-C08SX-03-401A	YZ-20-C09SX-03-401A	YZ-20-C12SX-03-401A	YZ-20-C14SX-03-401A	—											
		Female	YZ-20-J02SX-03-401A	YZ-20-J03SX-03-401A	YZ-20-J04SX-03-401A	YZ-20-J05SX-03-401A	YZ-20-J07SX-03-401A		YZ-20-J08SX-03-401A	YZ-20-J09SX-03-401A	YZ-20-J12SX-03-401A	YZ-20-J14SX-03-401A	—											

YZ-20 Dimension Drawing (unit: mm)

Plug



Four-hole flange receptacle

