



YZ-20-C03PE-01-001
公头 Male plug



YZ-20-J03SX-01-001
母座 Female socket



电源线防水夹线圈
waterproof clamping circle

- 全锌合金外壳，具有完整的电磁及射频干扰保护，同时满足高档产品的匹配需求。
- 外圈螺旋锁紧装置，稳固安全。
- 20MM安装尺寸。
- 快速简便的螺母式设计锁定系统。
- 悬挂式防尘盖设计，有效的防止非工作状态的异物进入，安全性高，操作方便。
- 2-12芯可选。
- 5~20A rms 的额定电流。
- 外圈防滑的人体化设计。
- 防护等级IP65/IP67。

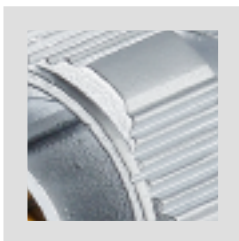
- All zinc alloy shell, complete with electromagnetic and radio frequency interference protection, while meeting the needs of high-end products to match
- Outer screw locking device, a solid safety
- 20MM optional mounting dimensions
- Quickly and easy nut locking system design
- Hanging dust cover design avoid matters; high safe performance, easy to operate
- 2-12pins for choice
- 5-20A rms rated current
- Slip-resistant outer circle
- Protection level:IP65/IP68



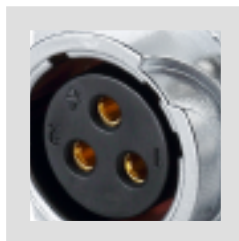
防水盖
Protective cover



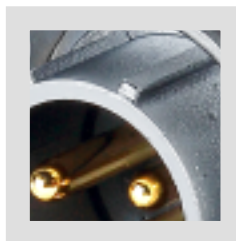
硅胶垫片
Silicone gasket



符合人机工程学防滑设计
Ergonomics Slip-resistant













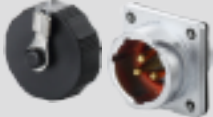




标准滑扣锁紧
Sliding buckle locking



五位定位柱
Orientation

YZ-20 系列产品规格参数表

YZ-20 SERIES SPECIFICATIONS SHEET

芯数 PINS		2芯 2PINS		3芯 3PINS		4芯 4PINS	
产品图 PICTURE	正装 Male plug & Female socket		YZ-20-C02PE-01-001 公头 male plug		YZ-20-C03PE-01-001 公头 male plug		YZ-20-C04PE-01-001 公头 male plug
			YZ-20-J02SX-01-001 母座 female socket		YZ-20-J03SX-01-001 母座 female socket		YZ-20-J04SX-01-001 母座 female socket
	反装 Female plug & Male socket		YZ-20-J02PE-01-001 母头 female plug		YZ-20-J03PE-01-001 母头 female plug		YZ-20-J04PE-01-001 母头 female plug
			YZ-20-C02SX-01-001 公座 male socket		YZ-20-C03SX-01-001 公座 male socket		YZ-20-C04SX-01-001 公座 male socket
排列图							
线材规格	Cable specification	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG					
线径范围	Diameter range	Φ8mm ~ Φ12mm					
接触件直径×数量	Contact diameter × number	Φ2.7×2		Φ2.7×3		Φ2.7×4	
额定电流(A)	Rated Current (A)	20A					
工作电压(AC.V.RMS)	Operating voltage (AC.V.rms)	500V					
接触电阻	Contact resistance	<1mΩ					
温升	Temperature rise	20A时温升在30°C以下 (20A contact temperature below 30°C), 25A.....40°C↓, 30A.....50°C↓。					
耐压(AC.V)1分钟	Withstanding Voltage (AC.V) 1 minute	2500V					
绝缘电阻	Insulation resistance	> 500MΩ					
防护等级	Protection level	IP65/IP67					
耐久次数	Durability	> 500次					
工作温度	Working temperature	-40°C ~ 80°C					
连接方式	Connecting mode	1/4快速卡口连接 1/4 bayonet connect					
接线方式	Assembly wire	焊接式		Solder			
材料							
外壳、绝缘部件	Housing, the insulating parts	高性能工程塑料		High-performance engineering plastics			
五金	Hardware	锌合金(珍珠硬铬)		Zinc Alloy (pearl hard chrome)			
铜针	Copper needles	铜合金(镀金4U)		Copper alloy (gold-plated 4U)			
防水圈	Waterproof circle	硅胶		Silica gel			
阻燃等级	Flammability rating	UL94-V0		UL94-V0			

5芯 5PINS	7芯 7PINS	9芯 9PINS	12芯 12PINS
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YZ-20-C05PE-01-001
公头 male plug



YZ-20-J05SX-01-001
母座 female socket



YZ-20-C07PE-01-001
公头 male plug



YZ-20-J07SX-01-001
母座 female socket



YZ-20-C09PE-01-001
公头 male plug



YZ-20-J09SX-01-001
母座 female socket



YZ-20-C12PE-01-001
公头 male plug



YZ-20-J12SX-01-001
母座 female socket



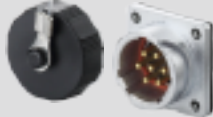
YZ-20-J05PE-01-001
母头 female plug



YZ-20-C05SX-01-001
公座 male socket



YZ-20-J07PE-01-001
母头 female plug



YZ-20-C07SX-01-001
公座 male socket



YZ-20-J09PE-01-001
母头 female plug



YZ-20-C09SX-01-001
公座 male socket



YZ-20-J12PE-01-001
母头 female plug



YZ-20-C12SX-01-001
公座 male socket

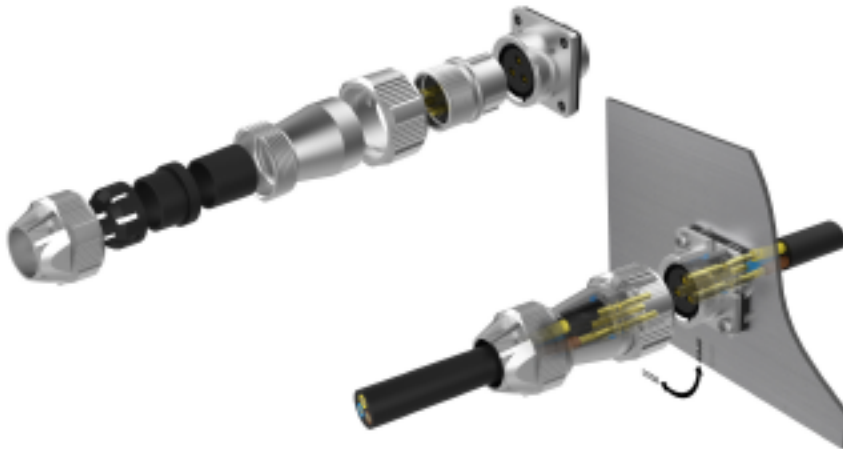


	1.0m ² ~ 1.5m ² / 18 ~ 16 AWG		0.15m ² ~ 0.2m ² / 26-24 AWG	
	Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm	
	Φ2.0×5	Φ2.0×7	Φ1.0×9	Φ1.0×12
	12A		5A	
	500V		400V	
	<2.5mΩ		<5mΩ	
	12A.....30°C, 15A.....40°C, 20A.....50°C。		/	
	2500V		1500V	
	> 500MΩ			
	IP65/IP67			
	> 500次			
	-40°C ~ 80°C			
	1/4快速卡口连接		1/4 bayonet connect	
	焊接式		Solder	
	高性能工程塑料		High-performance engineering plastics	
	锌合金(珍珠硬铬)		Zinc Alloy (pearl hard chrome)	
	铜合金(镀金2U)		Copper alloy (gold-plated 2U)	
	硅胶		Silica gel	
	UL94-V0		UL94-V0	

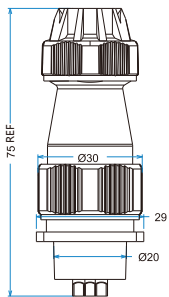
型号标志代号 MODEL CODE



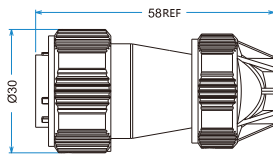
连接方式 CONNECTION SCHEMES



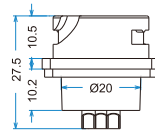
外形尺寸图 DIMENSION FIGURE



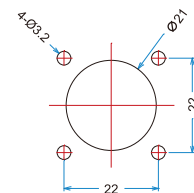
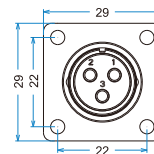
产品外型尺寸图
dimensions figure



夹爪紧固式插头PE (外型尺寸图)
PE clamping cable plug
(dimensions figure)



插座 SX (外型尺寸图)
SX socket (dimensions figure)



安装开孔图
Installation hole figure