



- 1:With alloy protective materials to reduce external electromagnetism and signal Radio frequency interference
- 2: With military standard screw type locking
- 3: colors are optional to be used in different environment
- 4: metal and silica gel cover are optional to be used in different environment
- 5: 2/3/4/5/7pin for power, 9/12pin for signal
- 6:Rated current: 5A/12A/20Arms
- 7:Waterproof level: IP65/IP67

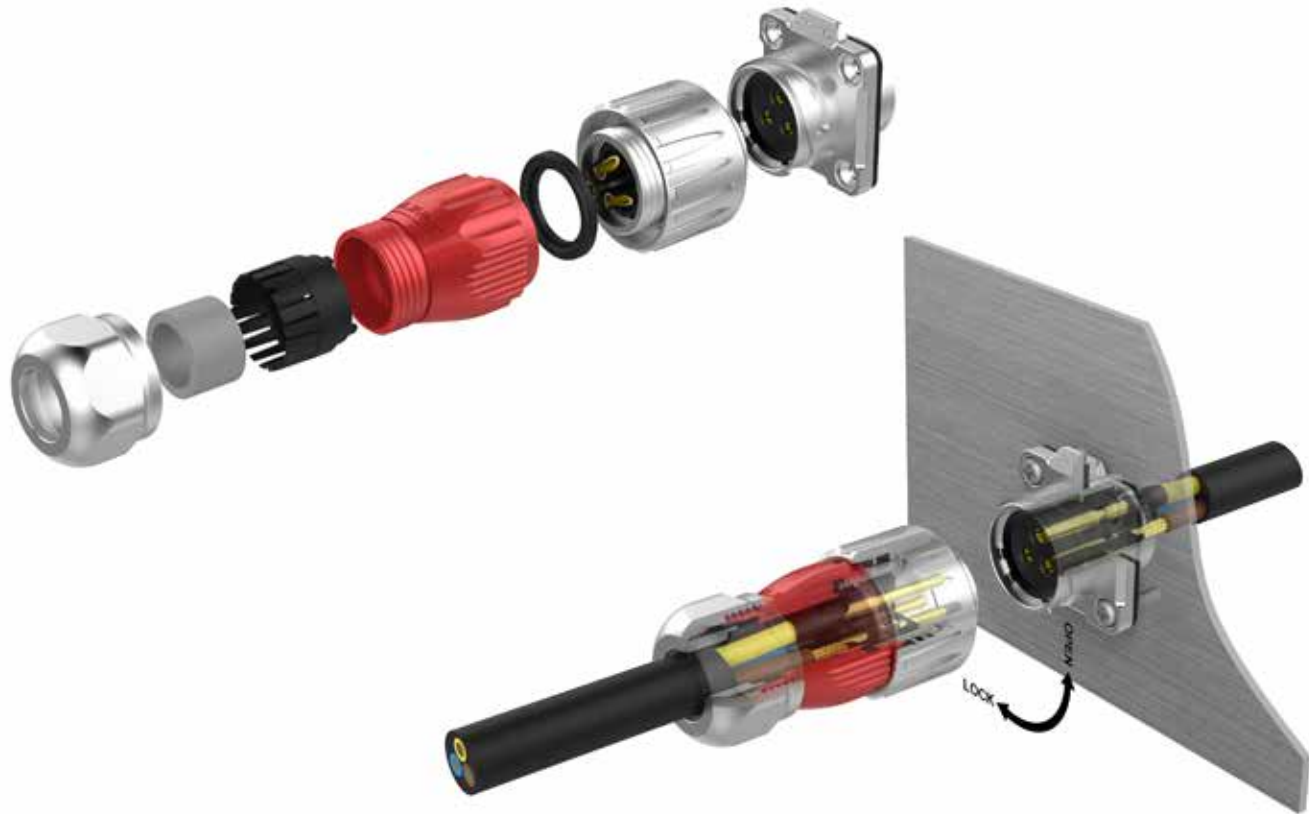


Pin Number		2Pin	3Pin	4Pin
PICTURE AND PART NO.	Male plug& Female socket			
		DH-20-CO2PE-01-001 male plug	DH-20-CO3PE-01-001 male plug	DH-20-CO4PE-01-001 male plug
				
		DH-20-J02SX-01-001 female socket (french)	DH-20-J03SX-01-001 female socket (french)	DH-20-J04SX-01-001 female socket (french)
	Female plug& Male socket			
		DH-20-J02PE-01-001 female plug	DH-20-J03PE-01-001 female plug	DH-20-J04PE-01-001 female plug
				
		DH-20-C02SX-01-001 male socket (french)	DH-20-C03SX-01-001 male socket (french)	DH-20-C04SX-01-001 male socket (french)
				
Cable specification		2.5m m ² ~ 4m m 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℃ 25A.....40℃↓ , 30A.....50℃↓.		
Withstanding Voltage (AC.V) 1 minute		2500V		
Insulation resistance		> 500MΩ		
Protection level		IP65/IP67		
Durability		≥500times		
Working temperature		-40℃ ~ 80℃		
Connecting mode		1/4 bayonet connecting type		
Assembly wire		Soldering/Crimping		
MATERIALS				
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		

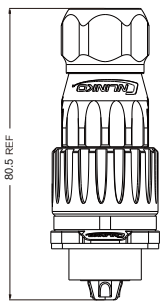
DH-20 SERIES SPECIFICATIONS SHEET

Pin Number		5Pin	7Pin	9Pin	12Pin
PICTURE AND PART NO.	Male plug& Female socket				
		DH-20-C05PE-01-001 male plug	DH-20-C07PE-01-001 male plug	DH-20-C09PE-01-001 male plug	DH-20-C12PE-01-001 male plug
					
		DH-20-J05SX-01-001 female socket (french)	DH-20-J07SX-01-001 female socket (french)	DH-20-J09SX-01-001 female socket (french)	DH-20-J12SX-01-001 female socket (french)
	Female plug& Male socket				
		DH-20-J05PE-01-001 female plug	DH-20-J07PE-01-001 female plug	DH-20-J09PE-01-001 female plug	DH-20-J12PE-01-001 female plug
					
		DH-20-C05SX-01-001 male socket (french)	DH-20-C07SX-01-001 male socket (french)	DH-20-C09SX-01-001 male socket (french)	DH-20-C12SX-01-001 male socket (french)
					
Cable specification		1.0m m ² ~ 1.5m m ² /18 ~ 16 AWG		0.15m m ² ~ 0.2m m ² /26-24 AWG	
Diameter range		Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm	
Contact diameter × number		Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12
Rated Current (A)		12A		5A	
Operating voltage (AC.V.rms)		500V		400V	
Contact resistance		<2.5mΩ		<5mΩ	
Temperature rise		12A 30°C 15A.....40°C↓ , 20A.....50°C↓.		/	
Withstanding Voltage (AC.V) 1 minute		2500V			
Insulation resistance		> 500MΩ			
Protection level		IP65/IP67			
Durability		≥500times			
Working temperature		-40°C ~ 80°C			
Connecting mode		1/4 bayonet connecting type			
Assembly wire		Soldering/Crimping			
MATERIALS					
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			

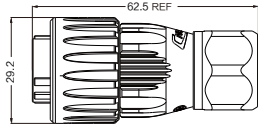
CONNECTION SCHEMES



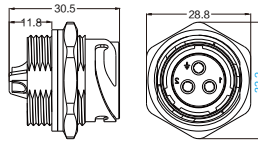
DIMENSION FIGURE



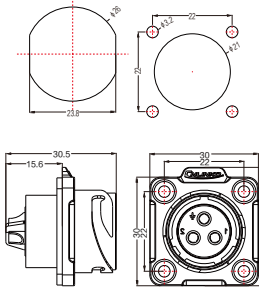
Dimensions figure



PE clamping cable plug
(dimensions figure)



SX socket (dimensions figure)



Installation hole figure