

# Datasheet

## RS Pro Front Mount Plug 30A Circular Connector 21mm (Threaded) IP68 for Solder Termination

RS Stock No: 131-6370



### Product Details

From RS Pro, these front mount connector plugs with threaded coupling are serious contenders for your high current industrial application. The high-quality circular connectors have a bigger and stronger shell.

Certified with a waterproof IP68 rating, they excel in harsh environments. The front mount connectors can be used with cable connector sockets for cable-to- panel mount connections.

### Material and Specifications:

Product Type	Connector	Overmolded cable Assemblies
Coupling	Threaded Coupling	Threaded Coupling
Shell Material	Nylon66, Fire resistance: V-0	PC,PVC,Fire Resistance:V-0, Locking nut Material:Anodized Aluminum
Insert Material	PPS Max Temperature 260C Fire resistance: V-0	PPS Max Temperature 260C Fire resistance: V-0
Contact Material	Brass with Gold plating	Brass with Gold plating
Termination	SP13:Solder, SP17:Solder/Crimp,SP21:solder/screw/crimp	
Cable outer Diameter Range	SP13 I: 4-6.5mm, SP13 II: 5-8,mm SP17: 6-10mm SP21 I: 4.5-7mm SP21 II:7-12mm	
IP Rating	IP68	IP66
Mating Cycle	>500	>500
Temperature Range	-25C~+85C	-20C~+85C
Insulation Resistance	2000	2000



## Contact Arrangement and Spec for Solder/Screw:

Number of Contact	2	3	4	5	5B
Male Contact Face view					
Rated Current(A)	30A	30A	30A	30A	5A, 30A
Contact Diameter	∅ 3X2	∅ 3X3	∅ 3X4	∅ 3X5	∅ 1X3 ∅ 3X2
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw
Rated Voltage (AC.V)	500V	500V	500V	500V	500V
Test Voltage (AC.V) 1min	1500V	1500V	1500V	1500V	1500V
Contact Resistance m	1	1	1	1	5,1
Wire Size <sub>mm2</sub> /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11