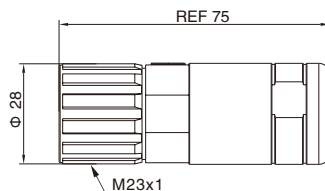


M23 Power Assembly Connector, Straight, Female Thread

- Connector series: M23 Power
- Contacts: Socket
- Mounting type: Straight
- Shielding: Shielded
- Connection Type: Crimp
- Part No.: M23-PNSSST***-XX
 *** refers to pins number
 XX for cable OD rang



General information



Connector insert:	PA
Connector contacts:	Brass with gold plated
Coupling nut/screw:	Zinc alloy with nickel plated
Connector body:	Zinc alloy with nickel plated
Seal / O-ring:	FKM or NBR
Operation cycles:	>800

Insulation resistance:	≥ 1000MΩ
Contact resistance:	≤ 5mΩ
Ambient temperature:	-40°C ~ +125°C
IP rating:	IP68 in locked condition
Cable OD range:	2.0~16
Assembly Instruction:	Refer to page 417

Electrical data & Mechanical data

Number of positions	6(5+PE)	8(4+3+PE)		
Contacts	5+PE	4	3	PE
Contact OD(mm)	2.0(0.25~4.0mm ²)	1.0(0.08~1.0mm ²)	2.0(0.25~4.0mm ²)	
Rated current @ 20°C(A)	30	9	30	
Rated Voltage(V)	630	250	630	
Impulse voltage(V)	6000	4000	6000	
Overvoltage category	II			
Pollution Degree	III			

Contacts	Contact OD (mm)	Socket	Part No.	Contacts	Contact OD (mm)	Socket	Part No.
06 (5+PE)	2		M23-PNSSST06A-XX	08 (4+3+PE)	2		M23-PNSSST08A-XX
				4	1		

Note: X for cable OD rang

Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 366 for products' part number encoding rule.