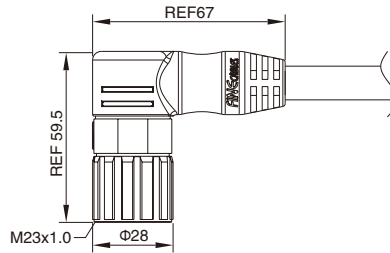


## M23 Power Molded Cable, Right Angle, Female Thread

- Connector series: M23 Power
- Contacts: Socket
- Mounting type: Right Angle
- Shielding: Shielded or unshielded
- Connection Type: Crimp
- Part No.: M23-MPNSRA\*\*\*-XXXX (unshielded)  
M23-MPNSRA\*\*\*-XXXX (shielded)

\*\*\* refers to pins number  
XXXX refers to cable specification



### General information



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

Insulation resistance:	≥ 1000MΩ
Contact resistance:	≤ 5mΩ
Ambient temperature:	-40°C ~ +80°C (fixed installation) -20°C ~ +80°C (flexible installation)
IP rating:	IP68 in locked condition
Cable OD range:	2.0~13

### 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 <sup>2</sup> )	1.0(0.08~1.0mm <sup>2</sup> )	2.0(0.25~4.0mm <sup>2</sup> )	
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-MPNSRA06A-XXXX (unshielded)	08 (4+3+PE)	2		M23-MPNSRA08A-XXXX (unshielded)
			M23-MPNSRA06A-XXXX (shielded)				M23-MPNSRA08A-XXXX (shielded)
				4	1		

Note: X refers to cable specification

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 365 for products' part number encoding rule.