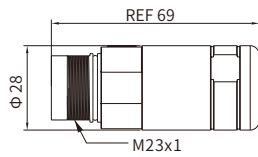


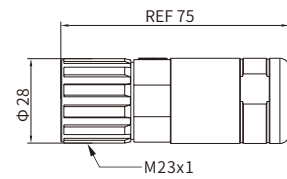
# M23 Power

## M23 Straight Connector, Assembly, Crimp Coupling screw/nut

Male



Female



### ■ Specifications

| Contacts                | 6(5+PE)                       | 8(4+3+PE)  |
|-------------------------|-------------------------------|--|
| Certification           | ECBT2(ECBT8).E473386          |  |
| Pin layout(Male)        |                               |  |
| Pin layout(Female)      |                               |  |
| 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                    |  |
| Mating Endurance        | >800                          |  |
| Insulation resistance   | ≥1000MΩ                       |  |
| Contact resistance      | ≤5mΩ                          |  |
| Ambient temperature     | -40°C ~ +125°C                |  |
| Shielding               | Available                     |  |
| IP rating               | IP68 in locked condition      |  |
| Cable OD range          | 2.0~16                        |  |
| Assembly Instruction    | Refer to page 478~479         |  |
| 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                           |  |

### ■ Part Number

| Pins      | Cable OD Range | Male             | Female           |
|-----------|----------------|------------------|------------------|
| 6(5+PE)   | 5.0~6.0        | M23-PSSPST06A-01 | M23-PNSSST06A-01 |
|           | 6.0~7.0        | M23-PSSPST06A-02 | M23-PNSSST06A-02 |
|           | 7.0~8.0        | M23-PSSPST06A-03 | M23-PNSSST06A-03 |
|           | 8.0~9.0        | M23-PSSPST06A-04 | M23-PNSSST06A-04 |
|           | 9.0~10.0       | M23-PSSPST06A-05 | M23-PNSSST06A-05 |
| 8(4+3+PE) | 5.0~6.0        | M23-PSSPST08A-01 | M23-PNSSST08A-01 |
|           | 6.0~7.0        | M23-PSSPST08A-02 | M23-PNSSST08A-02 |
|           | 7.0~8.0        | M23-PSSPST08A-03 | M23-PNSSST08A-03 |
|           | 8.0~9.0        | M23-PSSPST08A-04 | M23-PNSSST08A-04 |
|           | 9.0~10.0       | M23-PSSPST08A-05 | M23-PNSSST08A-05 |