



# MCV (M23) Series Receptacles

## 6, 7 & 12 Conductor M23 Series Receptacles, 16/18AWG

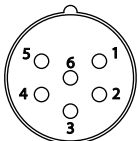
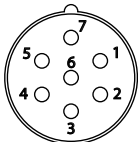
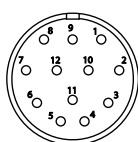


Front Mount Receptacles | 1/2"-14 NPT | Metric Threads | IP69 Rating



6 & 7 pole are not UL listed.

E  
M23 Series

| # of Poles | Male Faceview                                                                                 | Color Code                                                                                                                                                | Wire AWG Rating      | Mounting Threads | Male Receptacles | Female Receptacles |
|------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|------------------|--------------------|
| 6          | <br>M23 x 1  | 1. White<br>2. Red<br>3. Green/Yellow<br>4. Orange<br>5. Black<br>6. Blue                                                                                 | 12 AWG<br>600V<br>8A | 1/2-14 NPT       | MCV-6MR-**-      | MCV-6FR-**-        |
|            |                                                                                               |                                                                                                                                                           |                      | M20              | MCV-6MR-**-M20   | MCV-6FR-**-M20     |
|            |                                                                                               |                                                                                                                                                           |                      | M20L             | MCV-6MR-**-M20L  | MCV-6FR-**-M20L    |
| 7          | <br>M23 x 1  | 1. White/Black<br>2. Black<br>3. White<br>4. Red<br>5. Orange<br>6. Blue<br>7. Green/Yellow                                                               | 16 AWG<br>600V<br>8A | 1/2-14 NPT       | MCV-7MR-**-      | MCV-7FR-**-        |
|            |                                                                                               |                                                                                                                                                           |                      | M20              | MCV-7MR-**-M20   | MCV-7FR-**-M20     |
|            |                                                                                               |                                                                                                                                                           |                      | M20L             | MCV-7MR-**-M20L  | MCV-7FR-**-M20L    |
| 12         | <br>M23 x 1 | 1. Brown<br>2. Brown/White<br>3. Blue<br>4. White<br>5. Green<br>6. Yellow<br>7. Gray<br>8. Pink<br>9. Red<br>10. Black<br>11. Violet<br>12. Green/Yellow | 18 AWG<br>300V<br>6A | 1/2-14 NPT       | MCV-12MR-**-     | MCV-12FR-**-       |
|            |                                                                                               |                                                                                                                                                           |                      | M20              | MCV-12MR-**-M20  | MCV-12FR-**-M20    |
|            |                                                                                               |                                                                                                                                                           |                      | M20L             | MCV-12MR-**-M20L | MCV-12FR-**-M20L   |

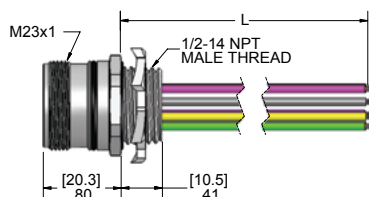
\*\* Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Standard shell is nickel plated brass. Stainless steel shell is available in M20 thread only.

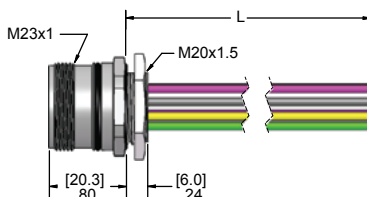
For stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-12FR-1M-M20 becomes MCV-12FR-1M-M20-SS)

For 1/2" receptacles with lengths of 12" or shorter use the suffix "-G" to include lock nut and O-ring. (e.g. MCV-12FR-0.3M becomes MCV-12FR-0.3M-G)

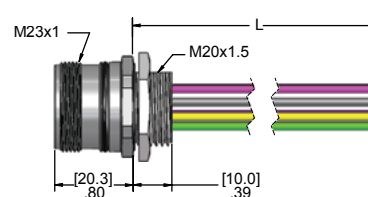
For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.



1/2"-14 NPT Thread



M20 Thread



M20 Long Thread

### Specifications:

Shell: Nickel Plated Brass  
 Insulator: PBT  
 Contacts: Copper Alloy with Gold Plating  
 O-Ring: NBR  
 Lock Nut: Nickel Plated Brass  
 Jam Nut: Zinc Plated Steel  
 Temperature: -40°C to 105°C (-40°F to +221°F)