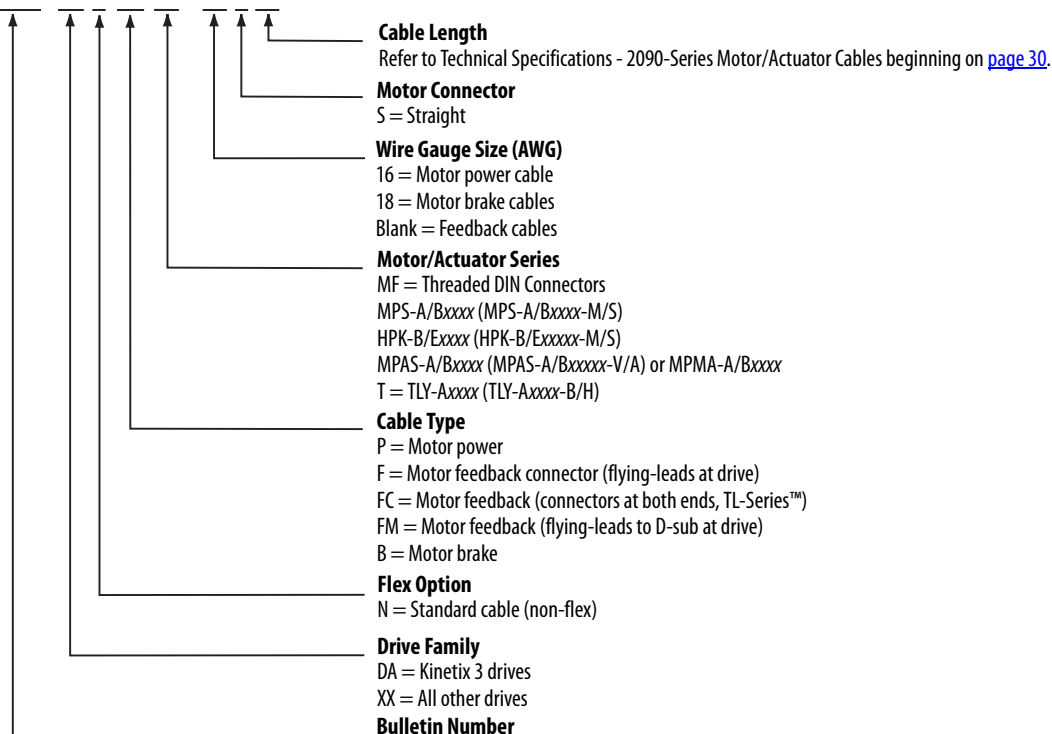


## Transition Cables

| Cat. No.          | Cable Gauge<br>AWG | Cable Type   | Description                                                                                                                   |
|-------------------|--------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|
| 2090-CPBM4E2-14TR | 14 and 16          | Power/brake  | Threaded DIN connector (M4) on motor-end to bayonet receptade (E2) for mating with existing bayonet cable, 500 mm (19.7 in.). |
| 2090-CPBM4E2-10TR | 10                 |              |                                                                                                                               |
| 2090-CPBM4E2-08TR | 8                  |              |                                                                                                                               |
| 2090-CPBM4E2-04TR | 4 and 6            |              |                                                                                                                               |
| 2090-CPWM4E2-14TR | 14 and 16          | Power (only) |                                                                                                                               |
| 2090-CPWM4E2-10TR | 10                 |              |                                                                                                                               |
| 2090-CPWM4E2-08TR | 8                  |              |                                                                                                                               |
| 2090-CPWM4E2-04TR | 4 and 6            |              |                                                                                                                               |
| 2090-CFBM4E2-CATR | N/A                | Feedback     |                                                                                                                               |

## Motor Power, Feedback, and Brake Cables

### 2090 - xx x xx xx - xx S xx

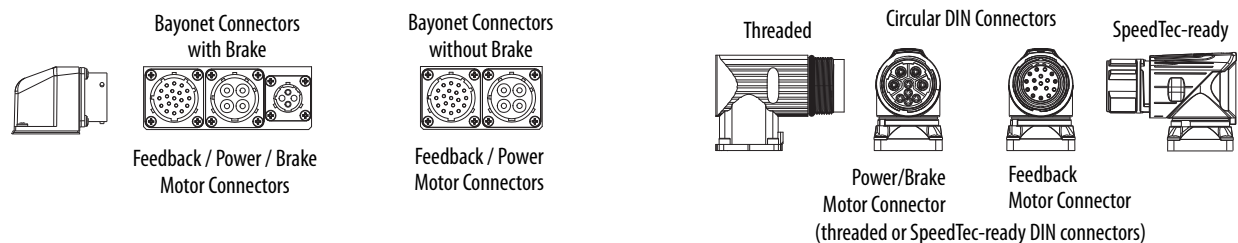


## 2090-Series Motor Power and Feedback Transition Cables

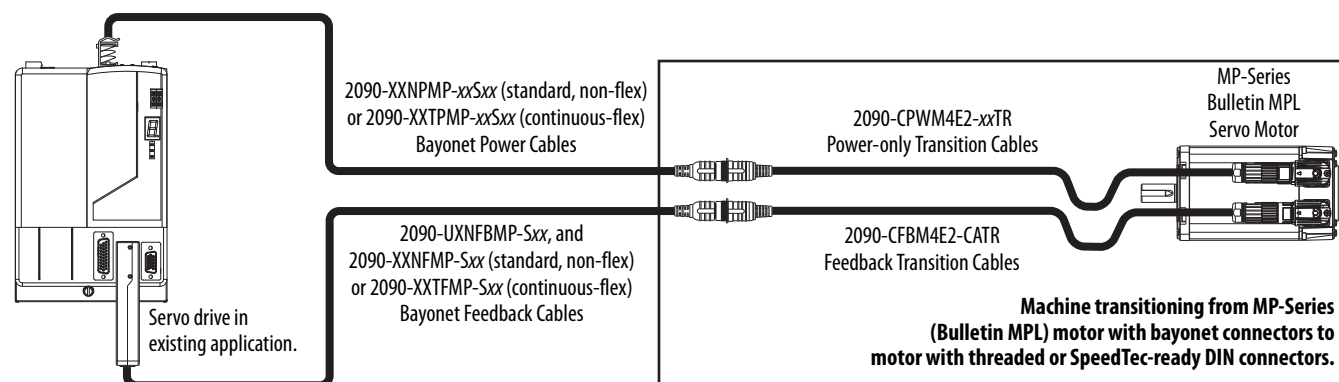
Motor power/brake and feedback transition cables support installations where MP-Series™ (Bulletin MPL) motors with bayonet connectors were recently replaced by the same motor with circular DIN connectors. These 0.5 m (19.7 in.) cables provide a seamless transition between your new motor and existing power, brake, and feedback cables.

**TIP** Brake contacts for motors with bayonet connectors are in a separate connector. Power/brake cables with circular DIN connectors (either threaded or SpeedTec) include brake contacts in the power/brake connector.

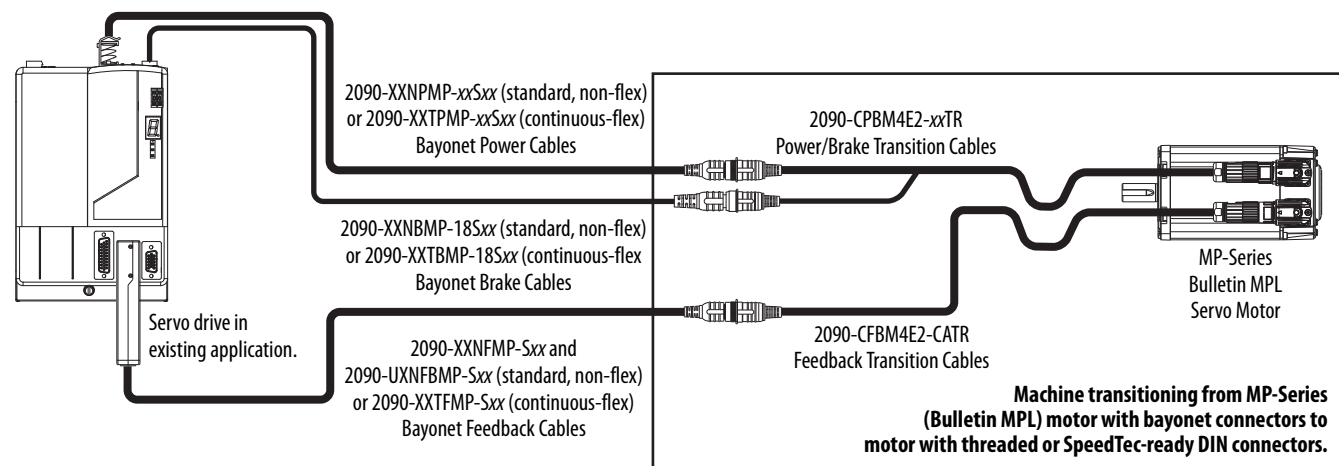
### Bayonet and Circular DIN Motor Connectors



### Transition Cable Application (power-only cable)



### Transition Cable Application (power/brake cable)



Refer to the transition cable selection tables on [page 21](#) for cable catalog numbers for the specific Bulletin MPL or Bulletin MPM motor you are transitioning to.

**IMPORTANT** The MP-Series low-inertia motors on this page are equipped with DIN connectors (specified by 7 in the catalog number) and are not compatible with cables designed for motors equipped with bayonet connectors (specified by 2 in the catalog number). The motors with bayonet connectors (for example, MPL-A310P-xx2xAA) are being discontinued and require 2090-XXNPMP-xxSxx (bayonet) cables. For help with migration or to select bayonet cables, contact your Rockwell Automation sales representative.

### MP-Series (Bulletin MPL) Motor Power Cables

| MP-Series (200V-class) Low Inertia Motors                    | Power Cable Cat. No.                                                              | IP Rating                                                                                                                           |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| MPL-A15xxx-xx7xAA,<br>MPL-A2xxx-xx7xAA                       | 2090-CPxM7DF-16AAxx (standard, non-flex)<br>2090-CPxM7DF-16AFxx (continuous-flex) | Shaft seal is optional: <ul style="list-style-type: none"> <li>• IP50 without shaft seal</li> <li>• IP66 with shaft seal</li> </ul> |
| MPL-A3xxx-xx7xAA                                             |                                                                                   |                                                                                                                                     |
| MPL-A420P-xx7xAA,<br>MPL-A430H-xx7xAA                        |                                                                                   |                                                                                                                                     |
| MPL-A4530F-xx7xAA,<br>MPL-A4540C-xx7xAA                      |                                                                                   |                                                                                                                                     |
| MPL-A430P-xx7xAA,<br>MPL-A4530K-xx7xAA,<br>MPL-A4540F-xx7xAA | 2090-CPxM7DF-14AAxx (standard, non-flex)<br>2090-CPxM7DF-14AFxx (continuous-flex) |                                                                                                                                     |
| MPL-A4560F-xx7xAA                                            | 2090-CPxM7DF-12AAxx (standard, non-flex)                                          |                                                                                                                                     |
| MPL-A520K-xx7xAA                                             | 2090-CPxM7DF-10AAxx (standard, non-flex)<br>2090-CPxM7DF-10AFxx (continuous-flex) |                                                                                                                                     |
| MPL-A540K-xx7xAA,<br>MPL-A560F-xx7xAA                        | 2090-CPxM7DF-08AAxx (standard, non-flex)<br>2090-CPxM7DF-08AFxx (continuous-flex) |                                                                                                                                     |

| MP-Series (400V-class) Low Inertia Motors                                  | Power Cable Cat. No.                                                              | IP Rating                                                                      |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| MPL-B15xxx-xx7xAA,<br>MPL-B2xxx-xx7xAA                                     | 2090-CPxM7DF-16AAxx (standard, non-flex)<br>2090-CPxM7DF-16AFxx (continuous-flex) | Shaft seal is optional:<br>• IP50 without shaft seal<br>• IP66 with shaft seal |
| MPL-B3xxx-xx7xAA                                                           |                                                                                   |                                                                                |
| MPL-B4xxx-xx7xAA                                                           |                                                                                   |                                                                                |
| MPL-B45xxx-xx7xAA                                                          |                                                                                   |                                                                                |
| MPL-B520K-xx7xAA                                                           |                                                                                   |                                                                                |
| MPL-B540D-xx7xAA,<br>MPL-B540K-xx7xAA,<br>MPL-B560F-xx7xAA                 | 2090-CPxM7DF-14AAxx (standard, non-flex)<br>2090-CPxM7DF-14AFxx (continuous-flex) |                                                                                |
| MPL-B580F-xx7xAA,<br>MPL-B580J-xx7xAA                                      | 2090-CPxM7DF-10AAxx (standard, non-flex)<br>2090-CPxM7DF-10AFxx (continuous-flex) |                                                                                |
| MPL-B640F-xx7xAA                                                           |                                                                                   |                                                                                |
| MPL-B660F-xx7xAA, MPL-B680D-xx7xAA,<br>MPL-B960B-xx7xAA, MPL-B980B-xx7xAA  | 2090-CPxM7DF-08AAxx (standard, non-flex)<br>2090-CPxM7DF-08AFxx (continuous-flex) |                                                                                |
| MPL-B680F-xx7xAA, MPL-B680H-xx7xAA,<br>MPL-B860D-xx7xAA, MPL-B880C-xx7xAA, | 2090-CPBM7DF-06AAxx (standard, non-flex)                                          |                                                                                |
| MPL-B880D-xx7xAA                                                           | 2090-CPBM7DF-04AAxx (standard, non-flex)                                          |                                                                                |
| MPL-B960C-xx7xAA, MPL-B960D-xx7xAA,<br>MPL-B980C-xx7xAA, MPL-B980D-xx7xAA  |                                                                                   |                                                                                |
| MPL-B980E-xx7xAA                                                           |                                                                                   |                                                                                |

For cable configuration illustrations and feature descriptions, by catalog number, refer to 2090-Series Motor/Actuator Cables Overview beginning on [page 13](#).  
Cable length xx is in meters. Refer to Technical Specifications - 2090-Series Motor/Actuator Cables beginning on [page 30](#).