

**CONNECTORS & CABLES - TRANSDUCER / TRANSMITTERS**

MPI manufactures melt pressure transducer and transmitter cables that are suitable for connecting melt pressure sensors to digital indicators or PLCs. Our cables are compatible with all competitors' products, and consist of a mating transducer/transmitter connector paired with a shielded 6-conductor cable with stripped leads. All cables are fully tested to ensure the utmost reliability.



Available connector options include PC06A-10-6S (or equivalent), PC06A-12-8S (or equivalent), or, for Gentran replacement applications, Cannon WK6-21C-5/16 (or equivalent).

All cables are compatible with **Dynisco, GP50, Gefran, Gentran** transducers / transmitters.

Cable material options (all shielded and stranded): **PVC (212°F/100°C)**,  
**Teflon (390°F/200°C)**,  
**Teflon + S/S braid (390°F/200°C)**,  
**Teflon + S/S armor (390°F/200°C)**

Optional features: **Epoxy filled connectors (for added durability)**,  
**Teflon cover + epoxy filled connectors (for waterproof applications)**

100% factory tested

**6 PIN BAYONET**



**MP-6B** (PC06A-10-6S(SR) equiv)



**MP-6BB**

**6 PIN BAYONET (Reverse)**



**MP-6BR** (connects to MP-6B above)

**8 PIN THREADED**



**MP-8S** (PC06A-12-8S (SR) equiv)



**MP-8SB**

**6 PIN THREADED**



**MP-6S** (WK6-21C-5/16 equiv)



**MP-6SB**

**CONNECTORS & CABLES - TRANSDUCER / TRANSMITTERS**

**ORDER CODE**

**MP - CAB - Connector - Material - Protection - Length - Option**

- |                          |                         |                         |                         |                       |
|--------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| <b>6B</b> - 6pin Bayonet | <b>P</b> - 105°C PVC    | <b>N</b> - None         | <b>12</b> - 12ft (3.7m) | <b>E</b> - Epoxy      |
| <b>6S</b> - 6pin Screw   | <b>T</b> - 200°C Teflon | <b>B</b> - 304SS Braid  | <b>25</b> - 25ft (7.7m) | <b>Sealed</b>         |
| <b>8S</b> - 8pin Screw   |                         | <b>H</b> - 304SS Armour | <b>50</b> - 50ft (15m)  | <b>End Connector</b>  |
|                          |                         |                         |                         | <b>6B</b> - Connector |
|                          |                         |                         |                         | <b>6BC</b> -Connector |

**STOCK CABLES - 6pin Bayonet**



| Part#          | Connector            | Cable    | Protection |
|----------------|----------------------|----------|------------|
| MP-CAB-6B-PN12 | 6pin Bayonet (MP-6B) | 12FT PVC | None       |
| MP-CAB-6B-PN25 | 6pin Bayonet (MP-6B) | 25FT PVC | None       |
| MP-CAB-6B-PN50 | 6pin Bayonet (MP-6B) | 50FT PVC | None       |

| Part#          | Connector            | Cable       | Protection |
|----------------|----------------------|-------------|------------|
| MP-CAB-6B-TN12 | 6pin Bayonet (MP-6B) | 12FT Teflon | None       |
| MP-CAB-6B-TN25 | 6pin Bayonet (MP-6B) | 25FT Teflon | None       |
| MP-CAB-6B-TN50 | 6pin Bayonet (MP-6B) | 50FT Teflon | None       |

| Part#          | Connector            | Cable       | Protection |
|----------------|----------------------|-------------|------------|
| MP-CAB-6B-TB12 | 6pin Bayonet (MP-6B) | 12FT Teflon | SS Braid   |
| MP-CAB-6B-TB25 | 6pin Bayonet (MP-6B) | 25FT Teflon | SS Braid   |
| MP-CAB-6B-TB50 | 6pin Bayonet (MP-6B) | 50FT Teflon | SS Braid   |

| Part#          | Connector            | Cable       | Protection |
|----------------|----------------------|-------------|------------|
| MP-CAB-6B-TH12 | 6pin Bayonet (MP-6B) | 12FT Teflon | SS Armour  |
| MP-CAB-6B-TH25 | 6pin Bayonet (MP-6B) | 25FT Teflon | SS Armour  |
| MP-CAB-6B-TH50 | 6pin Bayonet (MP-6B) | 50FT Teflon | SS Armour  |

**STOCK CABLES - 8pin**



| Part#          | Connector    | Cable    | Protection |
|----------------|--------------|----------|------------|
| MP-CAB-8S-PN12 | 8pin (MP-8S) | 12FT PVC | None       |
| MP-CAB-8S-PN25 | 8pin (MP-8S) | 25FT PVC | None       |
| MP-CAB-8S-PN50 | 8pin (MP-8S) | 50FT PVC | None       |

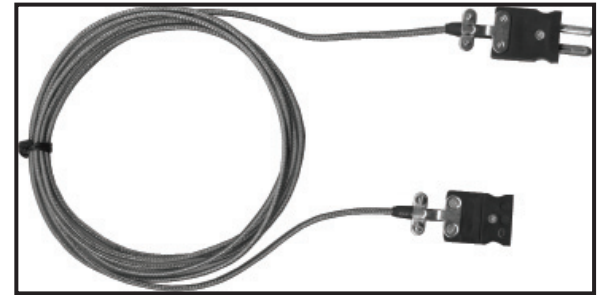
| Part#          | Connector    | Cable       | Protection |
|----------------|--------------|-------------|------------|
| MP-CAB-8S-TN12 | 8pin (MP-8S) | 12FT Teflon | None       |
| MP-CAB-8S-TN25 | 8pin (MP-8S) | 25FT Teflon | None       |
| MP-CAB-8S-TN50 | 8pin (MP-8S) | 50FT Teflon | None       |

| Part#          | Connector    | Cable       | Protection |
|----------------|--------------|-------------|------------|
| MP-CAB-8S-TB12 | 8pin (MP-8S) | 12FT Teflon | SS Braid   |
| MP-CAB-8S-TB25 | 8pin (MP-8S) | 25FT Teflon | SS Braid   |
| MP-CAB-8S-TB50 | 8pin (MP-8S) | 50FT Teflon | SS Braid   |

| Part#          | Connector    | Cable       | Protection |
|----------------|--------------|-------------|------------|
| MP-CAB-8S-TH12 | 8pin (MP-8S) | 12FT Teflon | SS Armour  |
| MP-CAB-8S-TH25 | 8pin (MP-8S) | 25FT Teflon | SS Armour  |
| MP-CAB-8S-TH50 | 8pin (MP-8S) | 50FT Teflon | SS Armour  |

CONNECTORS & CABLES - THERMOCOUPLE / RTD CABLES

MPI manufactures temperature sensor cables that are suitable for connecting temperature sensors to digital indicators or PLCs. Our cables are compatible with all competitors' products, and consist of a mating temperature sensor connector paired with a cable with stripped leads or connectors. All cables are fully tested to ensure the utmost reliability.

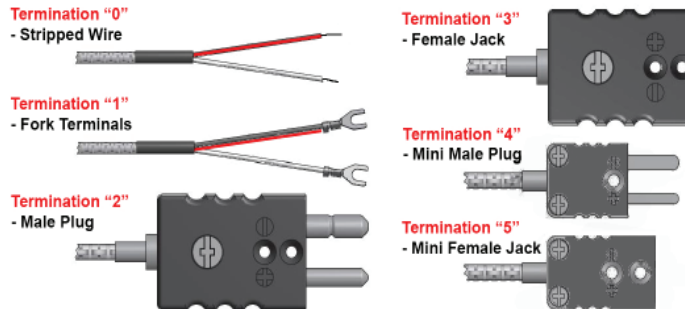


Available sensor types options include Thermocouple J/K and PT100 RTD sensor.

ORDER CODE

|                           |                          |  |                          |                          |
|---------------------------|--------------------------|--|--------------------------|--------------------------|
| <b>A900 - Type</b>        | <b>- Length</b>          | <b>- Wire</b>                              | <b>- Term 1</b>          | <b>- Term 2</b>          |
| <b>J</b> - Thermocouple J | <b>144</b> - 12ft (3.7m) | <b>P</b> - 105°C PVC                       | <b>1</b> - Fork Terminal | <b>1</b> - Fork Terminal |
| <b>K</b> - Thermocouple K | <b>300</b> - 25ft (7.7m) | <b>T</b> - 200°C Teflon                    | <b>2</b> - Male Plug     | <b>2</b> - Male Plug     |
| <b>RTD</b> - PT100 Sensor | <b>600</b> - 50ft (15m)  | <b>B</b> - 450°C Fiberglass<br>+ S/S Braid | <b>3</b> - Female Jack   | <b>3</b> - Female Jack   |

Terminations:



STOCK CABLES - THERMOCOUPLE / RTD

**Thermocouple J**  
PVC  
212°F (100°C)

| Part#           | Connector 1          | Cable    | Connector 2 |
|-----------------|----------------------|----------|-------------|
| A900J-144-P-3-1 | Standard Female Jack | 12FT PVC | Fork Term   |
| A900J-300-P-3-1 | Standard Female Jack | 25FT PVC | Fork Term   |
| A900J-600-P-3-1 | Standard Female Jack | 50FT PVC | Fork Term   |

**Thermocouple J**  
Teflon  
390°F (200°C)

| Part#           | Connector            | Cable       | Connector 2 |
|-----------------|----------------------|-------------|-------------|
| A900J-144-T-3-1 | Standard Female Jack | 12FT Teflon | Fork Term   |
| A900J-300-T-3-1 | Standard Female Jack | 25FT Teflon | Fork Term   |
| A900J-600-T-3-1 | Standard Female Jack | 50FT Teflon | Fork Term   |

**Thermocouple J**  
Fiberglass/SS-braid  
900°F (450°C)

| Part#           | Connector            | Cable                    | Connector 2 |
|-----------------|----------------------|--------------------------|-------------|
| A900J-144-B-3-1 | Standard Female Jack | 12FT FiberGlass/SS-braid | Fork Term   |
| A900J-300-B-3-1 | Standard Female Jack | 12FT FiberGlass/SS-braid | Fork Term   |
| A900J-600-B-3-1 | Standard Female Jack | 12FT FiberGlass/SS-braid | Fork Term   |