

# Build Your Own Heavy-Duty Locking Connector Assemblies

The chart below lists components with which to “build” the exact assembly needed. Begin at left with the first column. Write a “H” in the box at the top of the column. From the next column, identify End One. Write the appropriate letter in the box at the top of the column. Select components from all remaining columns, writing the desired letters or numbers chosen in the box at the top of each column.

| 1               | 2   | 3  | 4   | 5   | 6                 | 7  |
|-----------------|---|--|---|---|-------------------|--|
| TYPE            | END 1                                     | END 2  | INSERT LAYOUT                                     | CABLE PART NO.  | UNIT OF MEASURE   | LENGTH   |
| <b>H</b>        | <b>3X</b>                                 | <b>4X</b>  | <b>24-28</b>                                      | <b>88522</b>  | <b>F</b>          | <b>070</b>   |
| <b>H = HDLC</b> | <b>3X - Male Plug</b>                     | <b>3X - Male Plug</b>  | Select from Contact Layout Charts in this section | List TPC Cable Part Number or PT for Pigtails<br><br><b>NOTE:</b><br>If using a shielded cable and shield requires termination, contact TPC | <b>M = Meters</b> | Enter a three digit code in the box above.<br><br><b>EXAMPLE:</b><br><b>5 = “005”</b><br><b>50 = “050”</b><br><b>500 = “500”</b> |
|                 | <b>4X - Female Plug</b>                   | <b>4X - Female Plug</b>  |   |   | <b>F = Feet</b>   |  |
|                 | <b>3N - 90° Male Plug</b>                 | <b>3N - 90° Male Plug</b>  |   |   | <b>A = Inches</b> |  |
|                 | <b>4N - 90° Female Plug</b>               | <b>4N - 90° Female Plug</b>  |   |   |                   |  |
|                 | <b>5X - Male In-line Receptacle</b>       | <b>WM - Jacket stripped back with Wire Markers (Singed Ended Assembly)</b>               |   |   |                   |  |
|                 | <b>6X - Female In-line Receptacle</b>     |  |   |   |                   |  |
|                 | <b>1X - Male Panel Mount Receptacle</b>   | <b>PT - Pigtail (for Panel Mount Receptacle only)</b>                                    |   |   |                   |  |
|                 | <b>2X - Female Panel Mount Receptacle</b> | <b>1X - Male Panel Mount Receptacle</b><br><br><b>2X - Female Panel Mount Receptacle</b> |   |   |                   |  |

In the example shown above, **H3X4X36A2288522F070** is a male plug to a female plug using a 24-28 insert layout with 70 ft. of 16/22 Super-Trex® Reduced Diameter Control Cable.

Mini Quick-Connects™  
 Micro Quick-Connects™  
 Nano Quick-Connects™  
 Specialty Quick-Connects™  
 Ethernet Cable Assemblies  
 7 Pin Molded Valve Plug  
 DIN Connectors  
 Extension Cords  
 M23 Connector Assemblies  
 Military Connectors  
 Rectangular Connectors