

#### PRODUCT DESCRIPTION

SPECTEC's connector/cable assemblies with cable clamp/boot assembly are designed to provide an interface between sensors and signal conditioners or instrumentation. These will mate with our standard 'B', 'B4' & 'B6' (2, 4 and 6 pin) sensors (MS3113H8-xP).

#### CONNECTOR ASY:

Equivalent to Amphenol BAYONET versions listed below:

- 2 PIN: MS3116F8-2S
- 4 PIN: MS3116F8-4S
- 6 PIN: MS3116F10-6S

NOTE: The basic standard connector is rated to 125°C.

#### ORDER INFORMATION

3001 - 0 0  Connector Assembly

- |                |   |              |
|----------------|---|--------------|
| Number of Pins | 2 | - 2 Pin 'B'  |
|                | 4 | - 4 Pin 'B4' |
|                | 6 | - 6 Pin 'B6' |

#### CONNECTOR / SHIELDED CABLE ASY:

- Standard: 105°C PVC, 22-24 AWG
- High Temp 5HT: 200°C TFE, MIL SPEC, 22-24 AWG
- P/N Example: 3001-xxxTFE

#### ORDER INFORMATION

3001 -    Connector / Cable Assembly

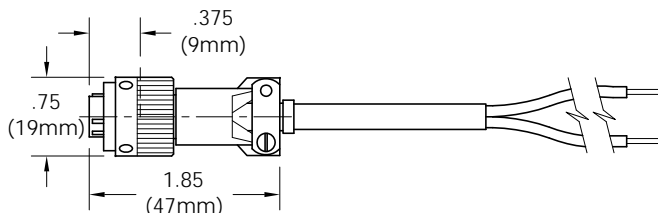
- |                             |   |                                   |
|-----------------------------|---|-----------------------------------|
| Number of Pins & Conductors | 2 | - 2 Pin 'B'                       |
|                             | 4 | - 4 Pin 'B4' w/ 3 conductor cable |
|                             | 5 | - 4 Pin 'B4' w/ 4 conductor cable |
|                             | 6 | - 4 Pin 'B4' w/ 5 conductor cable |
|                             | 7 | - 6 Pin 'B6' w/ 5 conductor cable |
|                             | 8 | - 6 Pin 'B6' w/ 6 conductor cable |

- |                               |              |             |
|-------------------------------|--------------|-------------|
| Shielded Cable Length ft. (m) | A            | - 1' (0.3m) |
|                               | 1            | - 3' (1m)   |
|                               | 2            | - 6' (2m)   |
|                               | 3            | - 10' (3m)  |
|                               | 4            | - 20' (6m)  |
|                               | 5            | - 33' (10m) |
|                               | 6            | - 50' (15m) |
|                               | 7            | - 75' (23m) |
| 8                             | - 100' (30m) |             |

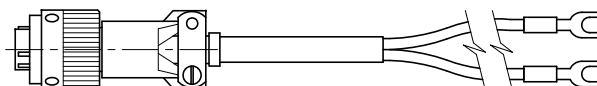
- |                   |   |                              |
|-------------------|---|------------------------------|
| Cable Termination | 1 | - Stripped leads (tinned)    |
|                   | 2 | - Spade lugs                 |
|                   | 3 | - BNC Connector (2 Pin only) |
|                   | 4 | - Same MS3116 as above       |

#### Connector w/ Stripped Leads

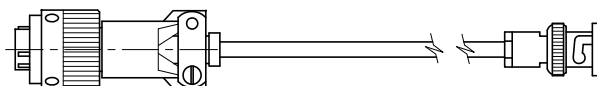
Dimension in Inches (mm)



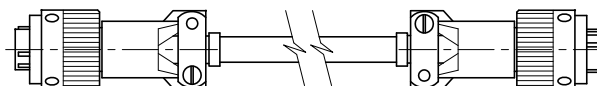
#### Connector w/ Spade Lugs



#### Connector w/ BNC Connector

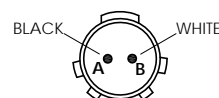


#### Connector w/ MS Connector

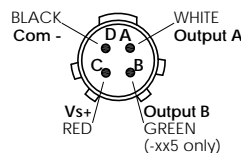


#### COLOR CODE (PIN TO WIRE)

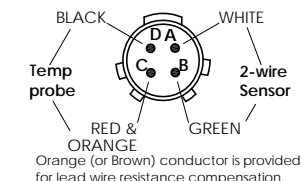
2 PIN (3001-xx2) for 2-wire sensors



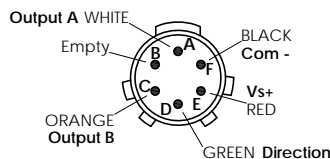
4 PIN with 3 or 4 conductor cable (3001-xx4, -xx5) for single and dual output digital sensors



4 PIN with 5 conductor cable (3001-xx6) for 2-wire sensors with temp probe



6 PIN with 5 conductor cable (3001-xx7) for dual output and direction digital sensors



6 PIN with 6 conductor cable (3001-xx8) for digital sensors with temp probe

