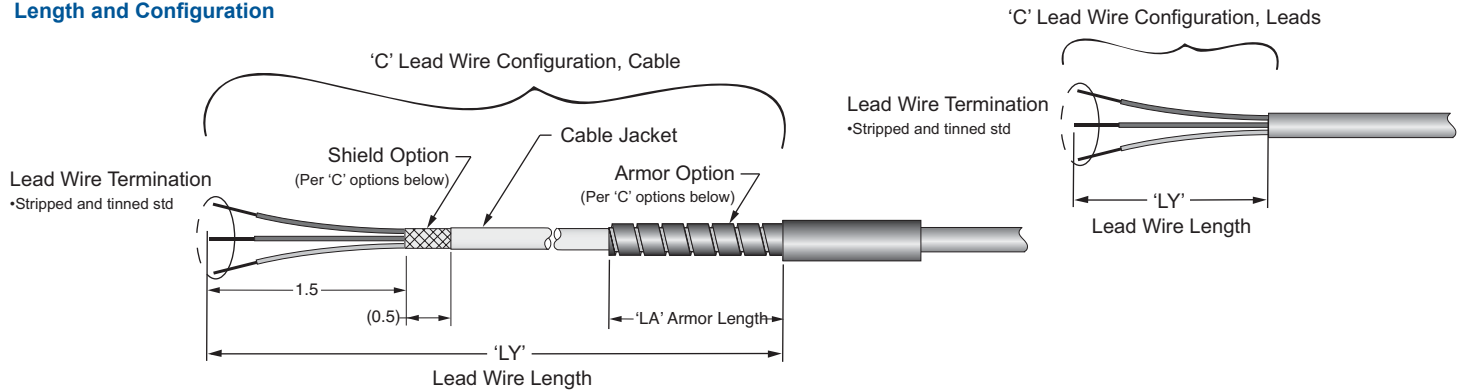


# Common Options

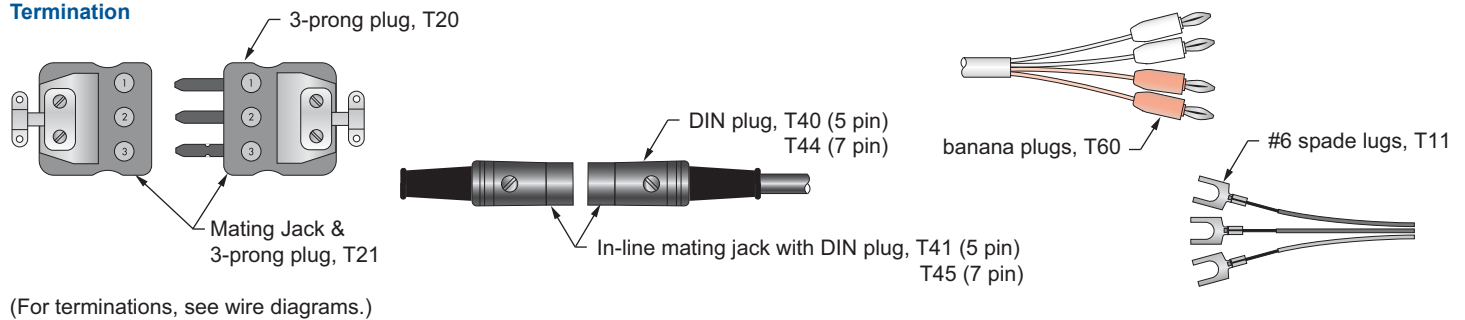
## Codes and Specifications

### Leadwire Options

#### Length and Configuration



#### Termination

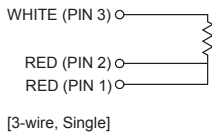


#### L Lead Wire Options (Note: Only fill in the codes applicable to your specifications)

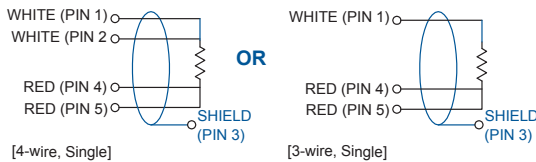
##### Lead Wire Length ('Y' option)

Y --- Specify lead wire length in one inch increments  
Example: For a 6 inch 'Y' length specify 006, For a 15 foot 'Y' length specify 180  
Cable Designs: minimum 12.0 inches (Y012), Maximum 999.0 inches (Y999)  
Leadwire Designs: minimum 3.0 inches (Y003), Maximum 36.0 inches (Y036)

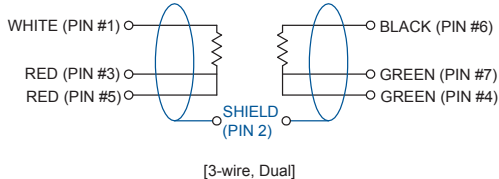
#### 3-PIN PLUG



#### 5-PIN DIN CONNECTOR



#### 7-PIN DIN CONNECTOR



#### Lead Wire Insulation Material ('M' option)

M02	Fiberglass insulation with epoxy seal. (Leads rated to 450°C, seal rated to 200°C) (Fiberglass insulated conductors and fiberglass jacket)	Series 200 only
M03	Kapton® insulation with epoxy seal. (Leads rated to 250°C, seal rated to 200°C) (Kapton® insulated conductors and Kapton® jacket)	Series 200 & Series 300
M98	Fiberglass insulation with ceramic seal. (Lead wires and seal rated to 450°C) (Fiberglass insulated conductors and fiberglass jacket)	Series 200 only

#### Lead Wire Configuration ('C' option)

C01	Individual insulated leads, standard for A, B, L, C and K style sensors
C10	Cable, standard for D and G style sensors
C20	Shielded cable (stainless steel braid)
C23	Shielded cable (foil shield with drain wire)
C30	Cable with stainless steel overbraid
C40	Cable with stainless steel armor, specify armor length below
C41	Shielded cable with stainless steel armor, specify armor length below
C50	Cable with PVC coated armor, specify armor length below
C51	Cable with PTFE encased stainless steel armor, specify armor length below
C52	Shielded cable with PVC coated armor, specify armor length below
C53	Shielded cable with PTFE encapsulated stainless steel armor, specify armor length below

#### Armor Length ('A' option)

A --- Specify armor length in one inch increments  
'A' Armor Length must be at least 6 inches less than lead wire length  
example: For a 15 foot 'A' Armor Length specify 180

#### Lead Wire Termination ('T' option)

T11	Stripped and tinned lead wires with #6 spade lugs
T20	Three prong plug
T21	Three prong plug with mating jack
T40	DIN plug 5 pin
T41	DIN Plug with in-line mating jack 5 pin
T44	DIN plug 7 pin
T45	DIN Plug with in-line mating jack 7 pin
T60	Banana plugs

# Common Options

## Codes and Specifications

### Sheath Options

S Sheath Options (Note: Only fill in the codes applicable to your specifications)

Sheath Diameter ('D' option)

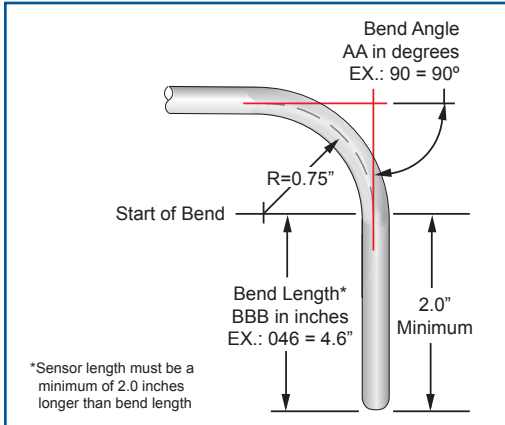
D01	1/8 inch diameter
D02	3/16 inch diameter

Sheath Coating ('C' option)

C02	Teflon Coating
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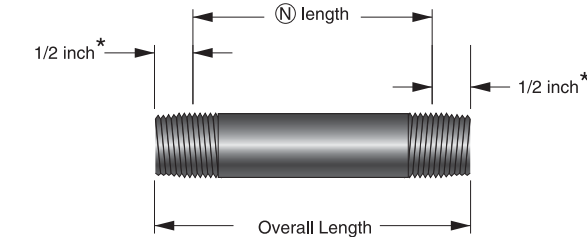
Sheath Bending ('B' option)

B _ _ _ _	Specify bend angle (AA) and location (BBB)
	Bending angles should be specified to the nearest degree.
	Bend locations should be specified in 0.1 inch increments and are defined as the distance from the tip of the sensor.
	Minimum Bend Length = 2.0 inches
	Example: for a 45° bend, starting 4.0 inches from the tip of the sensor, specify B45040



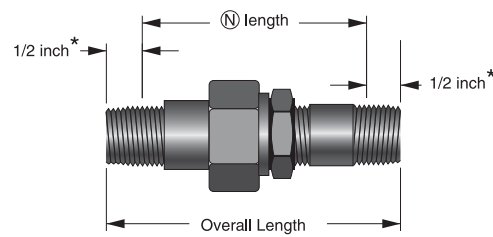
### Extension Options (\*1/2" is normal thread engagement for 1/2" NPT fittings)

#### Style "A", Nipple Extension



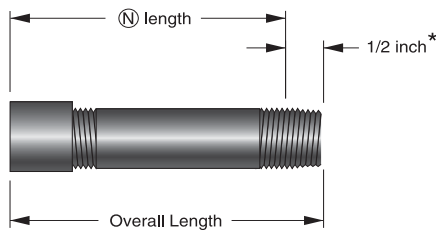
Use with C, K, L style assemblies.

#### Style "B", Nipple-Union-Nipple Extension



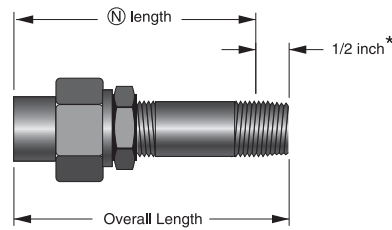
Use with C or K style assemblies.

#### Style "C", Coupling-Nipple Extension



Use with L style assemblies.

#### Style "D", Union-Nipple Extension



Use with L style assemblies.

### E Extension Options

Extension Length ('N' option)

N _ _	Specify extension length in 0.5 inch increments
	Minimum Length is 1.0 inch (N10), Maximum Length is 9.5 inches (N95)
	Example: N60 = 'N' length of 6.0 inches

### Thermowell Options

W Thermowell Options (Note: Only fill in the codes applicable to your specifications)

Lag Extension ('T' option)

T30	3.0 inches
T _ _	Specify lag length in 0.1 inch increments
	Minimum Length is 0.5 inch (T05), Maximum Length is 9.9 inches (T99)
	Example: T45 = 'T' length of 4.5 inches

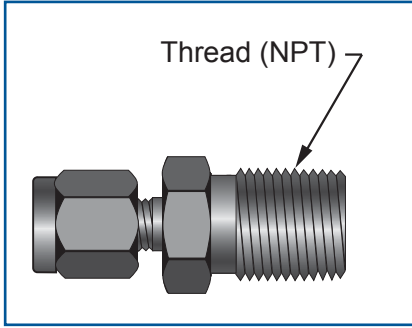
Testing and Documentation Options ('E' option)

E01	Hydrostatic internal pressure testing per ASTM specifications
E02	Dye penetrant testing per ASTM specifications
E03	X-ray examination per ASTM specifications
E04	Material certification of thermowell, not available with brass
E05	Murdock strength calculations
E06	Surface Finish certification of thermowell
E07	Canadian Registration Number (CNR) provided with thermowell
E15	Hydrostatic external pressure testing
E16	Positive material identification (PMI)
E17	Inspection Certificate (ISO 10474, EN 10204, DIN 50049)

# Common Options

## Codes and Descriptions

### Compression Fitting Options



#### FC Fitting Options, Compression ('C' option)

##### Fitting Material

03	316 Stainless Steel
13	Brass

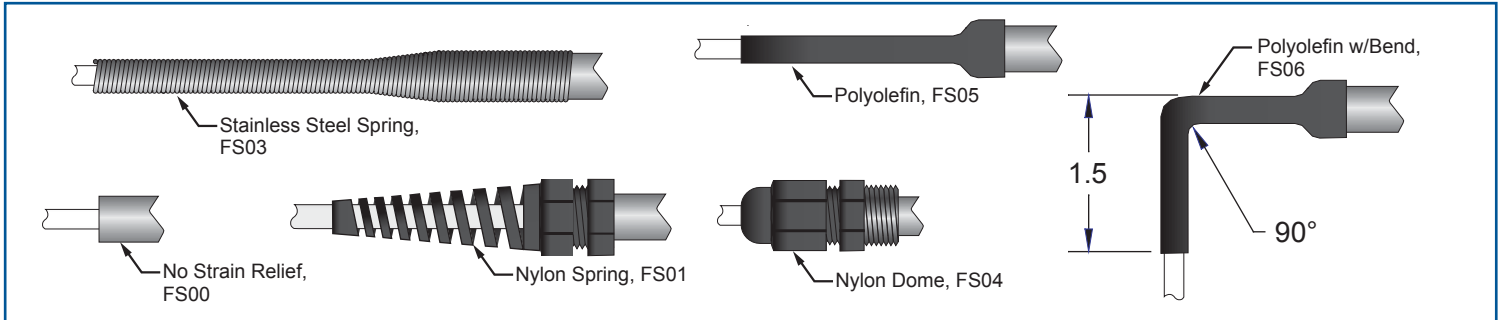
##### Ferrule Type

1	PTFE, re-adjustable
2	Stainless Steel

##### Threads

1	1/8" NPT
3	1/4" NPT
4	3/8" NPT
5	1/2" NPT

### Strain Relief Options



#### F Fitting Options

##### Strain Relief Options ('S' option) available only with 'G' Style sensor

S01	Nylon Spring, Maximum temperature 100°C
S03	Stainless Steel Spring
S04	Nylon Dome, Maximum temperature 100°C
S05	Polyolefin, Adhesive lined, Maximum temperature 100°C
S06	Polyolefin, Adhesive lined with 90 degree bend, Maximum temperature 100°C

### Tagging Options

#### M Miscellaneous Options

##### Sensor Tagging Options ('T' Options)

T01	Paper Tag with Tag Number (sensor assembly)
T02	Stainless Steel Tag with Tag Number (sensor assembly)
T26	Tag Number Electro-etched on Sensor Sheath

## Transmitter Options

We offer a range of transmitters to meet your requirements. Our transmitters provide fast response and accurate measurements over the entire temperature range. They are designed for monitoring and control applications. For more information on our complete transmitter offering see our transmitter catalog or contact our factory.

#### T51 T55

#### Transmitter Transmitter, Matching Capabilities, HART Communication

##### Calibration Type

M	Transmitter and sensor matched for improved performance (Only available when ordered with a sensor assembly)
(blank)	Not matched

##### Temperature Range

{Tmin to Tmax}	Tmin = Temperature for 4mA output Tmax = Temperature for 20mA output
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##### Temperature Units

C	Degrees Celsius
F	Degrees Fahrenheit

#### Model T51 & T55

PC Programmable  
Custom Input/Linearization

FM, CSA, CE Approval

0.05% Accuracy

