Standard Connectors

NBS Connectors can be installed at any point in a thermocouple circuit, where wire to wire or thermocouple to wire connections are required.

- Standard Size
- Round Pins
- Glass Filled Thermoplastic Body with Polarized Pins and Spring Loaded Inserts
- Maximum Temperature to 486˚F
- Single Captive SS Screw on Cover Allows Faster Access to SS Terminal Screws

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (N)	Orange
Type (R/S)	Green
Type (B)	Grey
Type (C)	Red
Type (U) (copper/copper)	White

5H10

5H20

Catalog Number	Description
5H10(*)	Plug
5H20(*)	Jack

*Insert calibration (*) after number

NBS Jab-In style connectors offer quick, dependable wire connections in seconds.

- Standard Size
- Round Pins
- Glass Filled Thermoplastic Body with Polarized Pins and Spring Loaded Inserts
- Maximum Temperature to 486˚F
- One Piece Molded Construction Eliminates Terminal Cap
- Accepts Wire Sizes to 14 AWG

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (N)	Orange
Type (R/S)	Green
Type (B)	Grey
Type (C)	Red
Type (U) (copper/copper)	White

5H14

5H24

Catalog Number	Description
5H14(*)	Plug
5H24(*)	Jack

*Insert calibration (*) after number

Standard Connectors

NBS Three Pin Connectors help simplify the connection of shielded thermocouple circuits or those containing a ground wire. Furthermore, the uncompensated "U" connectors are designed for all 3 wire RTD applications

- **Standard Size**
- **Round Pins**
- **Glass Filled Thermoplastic Body with Polarized Pins and Spring Loaded Inserts**
- **Maximum Temperature to 486˚F**

5H17

5H25

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (N)	Orange
Type (R/S)	Green
Type (B)	Grey
Type (C)	Red
Type (U) (copper/copper)	White

Catalog Number	Description
5H17(*)	Plug
5H25(*)	Jack

***Insert calibration (*) after number**

NBS High Temperature connectors are designed for specialized applications at elevated temperatures.

- **Standard Size**
- **Round Pins**
- **Glass Filled Thermoplastic Body with Polarized Pins and Spring Loaded Inserts**
- **Maximum Temperature to 986˚F**

5HTR12

5HTR22

ANSI Calibration	Case Color
Type (J)	Reddish Brown
Type (K)	Reddish Brown
Type (T)	Reddish Brown
Type (E)	Reddish Brown
Type (R/S)	Reddish Brown
Type (U) (copper/copper)	Reddish Brown

Catalog Number	Description
5HTR12(*)	Plug
5HTR22(*)	Jack

***Insert calibration (*) after number**

Accessories For Standard Connectors

Cable Clamps and Grommets

Catalog Numbers	
5H40	Cable Clamp
5H44	Neoprene Clamp Grommet
5H41	Neoprene Connector Grommet

Cable clamps provide support for attaching lead wires to connector above.

Tube Adaptors (compression type)

Catalog Number		
5H51	1/16"Tube	5H54
5H52	1/8"Tube	5H56
5H53	3/16"Tube	Price

Tube adapters are used to make a rigid connection between connector and outer tube.

Neoprene Boots

Catalog Numbers	
5H420	Neoprene Boots

- **Used in pairs**

Neoprene boots give added protection to plug & jack connections in moist environments.

Standard Panel Mounting Connectors

- Accepts Standard Size - Round Pin Plugs
- Glass Filled Nylon® Cases
- Maximum Temperature to 350˚F

Standard Panel Jack

- Mount Directly Into Panels without Brackets or Accessories
- Molded-On Integral Mounting Ears

5H30

Standard Panel Plug

5H36

3-Pin Panel Jack

5H33

Bezel Mount Panel Jack

- Retained by Spring Clip which is Installed and Removed from the Rear
- Wiring May Be Attached After Panel Jacks Installed (open terminals)

5H28

Circular Panel Jack

- No Brackets or Accessories Required
- Fits Standard Electrical Knockouts
- Install from Front of Panel

5H32

Fits 3/4" electrical knockout
(1-1/8" Diam. Hole)

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (N)	Orange
Type (R/S)	Green
Type (U) (copper/copper)	White

Catalog Number	Description
5H30(*)	Standard Panel Jack
5H36(*)	Standard Panel Plug
5H33(*)	3-Pin Panel Jack
5H28(*)	Bezel Mount Panel Jack
5H32(*)	Circular Panel Jack

*Insert calibration (*) after number

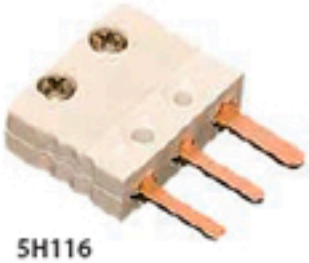
Miniature Connectors

NBS Miniature Connectors are designed for fine gauge wires and small diameter tubes.

- **Miniature Size**
- **Flat Pins**
- **Glass Filled Thermoplastic Body with Polarized Pins and Spring Loaded Inserts**
- **Maximum Temperature to 468˚F**

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (N)	Orange
Type (R/S)	Green
Type (B)	Grey
Type (C)	Red
Type (U) (copper/copper)	White

5H110



5H116

5H120

5H126

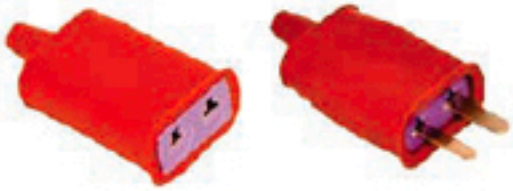
Catalog Number	Description
5H110(*)	Plug
5H116(*)	3 Pin Plug
5H120(*)	Jack
5H126(*)	3 Pin Jack

***Insert calibration (*) after number**

Accessories for Miniature Connectors

Cable Clamps and Grommets

Catalog Numbers	
5H140	Miniature Cable Clamp
5H44	Neoprene Clamp Grommet
5H141	Neoprene Connector Grommet



Neoprene Boots

Catalog Number	
5H420-M	Miniature Neoprene Boot

- **Used in pairs**

Neoprene boots give added protection to plug & jack connections in moist environments.

Miniature Panel Mounting Connectors

- Accepts Miniature Size - Flat Pin Plugs
- Glass Filled Nylon® Cases
- Maximum Temperature to 350˚F

Miniature Panel Jack

- Mount Directly Into Panels without Brackets or Accessories
- Molded-On Integral Mounting Ears

5H130

3-Pin Miniature Panel Jack

5H131

Circular Panel Jack

- No Brackets or Accessories Required
- Fits Standard Electrical Knockouts
- Install from Front of Panel

Fits 3/4" electrical knockout (1-1/8" Diam. Hole)

5H132

ANSI Calibration	Case Color
Type (J)	Black
Type (K)	Yellow
Type (T)	Blue
Type (E)	Purple
Type (R/S)	Green
Type (U) (copper/copper)	White

Catalog Number	Description
5H130(*)	Miniature Panel Jack
5H131(*)	3-Pin Miniature Panel Jack
5H132(*)	Circular Panel Jack

*Insert calibration (*) after number