

Feedthrough

Multipin Connector

Coaxial

Thermocouple

Isolator

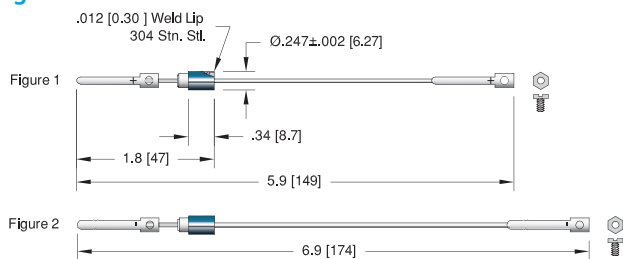
Viewport

Pressure

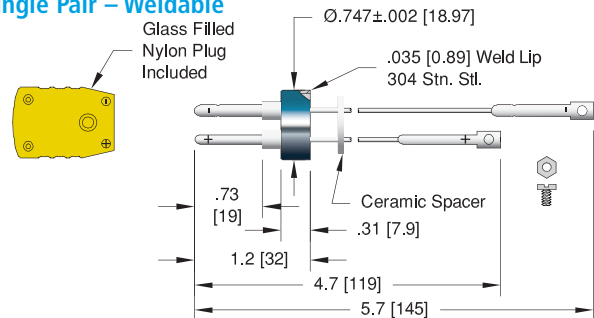
Accessories

Technical Reference

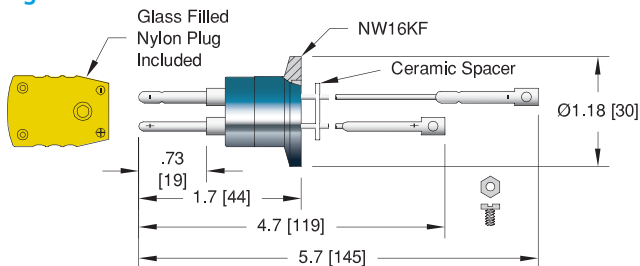
Single Conductor – Weldable



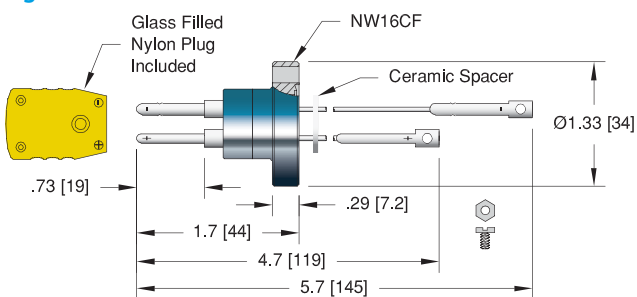
Single Pair – Weldable



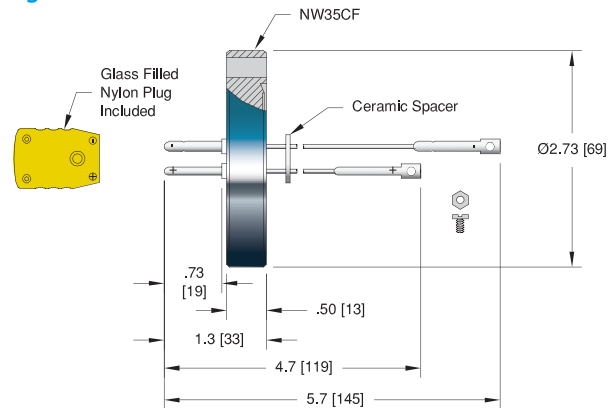
Single Pair – ISO KF - NW16KF



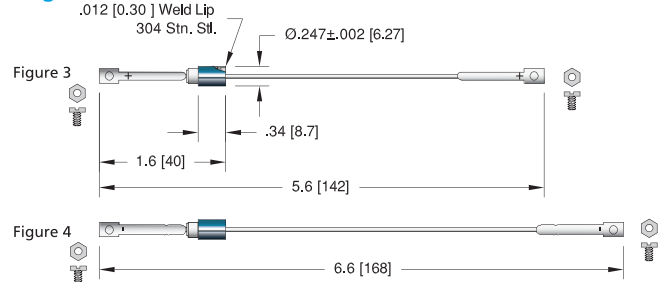
Single Pair – ConFlat - NW16CF



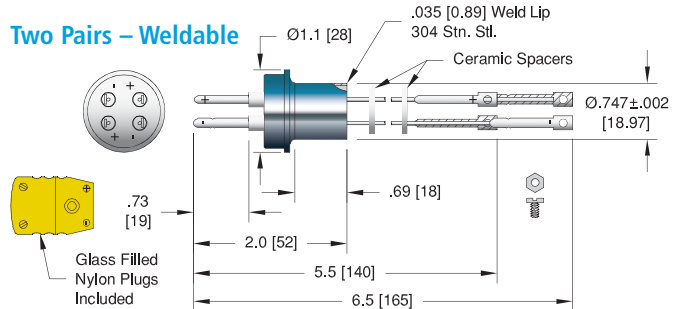
Single Pair – ConFlat - NW35CF



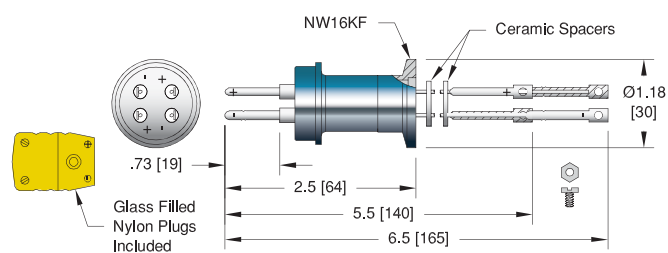
Single Conductor – Weldable



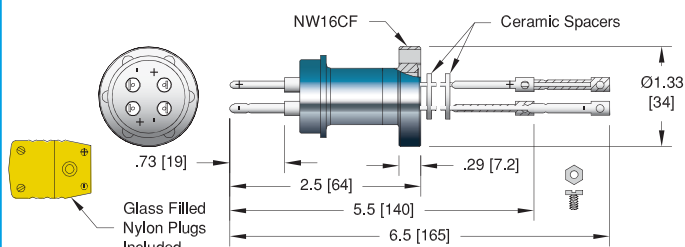
Two Pairs – Weldable



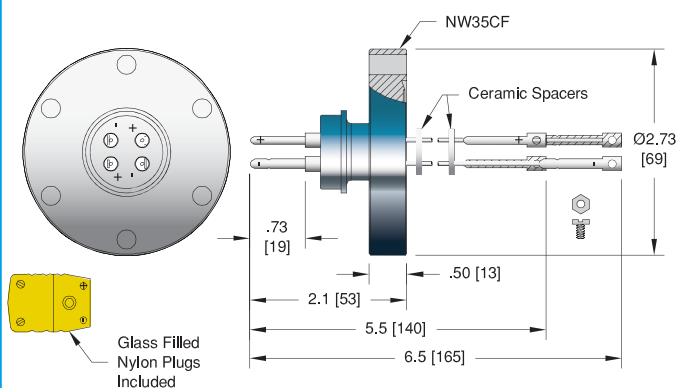
Two Pairs – ISO KF - NW16KF



Two Pairs – ConFlat - NW16CF

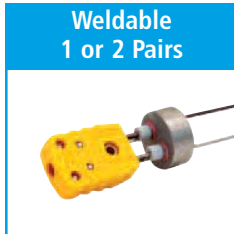


Two Pairs – ConFlat - NW35CF





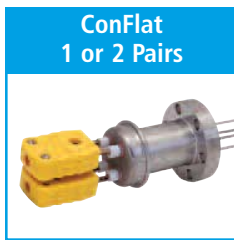
THERMOCOUPLE MATERIALS	FIGURE NUMBER	INSTALLATION	PART NUMBER
Chromel	1	Weld	18085-02-W
Alumel	2	Weld	18085-06-W
Chromel	3	Weld	18085-08-W
Alumel	4	Weld	18085-12-W



ANSI TYPE	THERMOCOUPLE MATERIALS	INSTALLATION	NO. OF PAIRS	PART NUMBER
K	Chromel/Alumel	Weld	1	8117-01-W
C	Tungsten-Rhenium*	Weld	1	8117-04-W
K	Chromel/Alumel	Weld	2	8233-01-W
C	Tungsten-Rhenium*	Weld	2	8233-04-W



ISO FLANGE				
ANSI TYPE	THERMOCOUPLE MATERIALS	INSTALLATION	NO. OF PAIRS	PART NUMBER
K	Chromel/Alumel	NW16KF	1	13563-01-KF
C	Tungsten-Rhenium*	NW16KF	1	13563-04-KF
K	Chromel/Alumel	NW16KF	2	18003-01-KF
C	Tungsten-Rhenium*	NW16KF	2	18003-03-KF



CONFLAT FLANGE				
ANSI TYPE	THERMOCOUPLE MATERIALS	INSTALLATION	NO. OF PAIRS	PART NUMBER
K	Chromel/Alumel	1 1/3" (NW16CF)	1	8118-01-CF
C	Tungsten-Rhenium*	1 1/3" (NW16CF)	1	8118-04-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	1	10583-01-CF
C	Tungsten-Rhenium*	2 3/4" (NW35CF)	1	10583-03-CF
K	Chromel/Alumel	1 1/3" (NW16CF)	2	8232-01-CF
C	Tungsten-Rhenium*	1 1/3" (NW16CF)	2	8232-04-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	2	8593-01-CF
C	Tungsten-Rhenium*	2 3/4" (NW35CF)	2	8593-04-CF



ANSI TYPE	THERMOCOUPLE MATERIALS	TYPE	MATERIALS	TEMPERATURE °C MIN MAX	COLOR CODE	PART NUMBER
K	Chromel/Alumel	Standard	Glass Filled Nylon	-29 218	Yellow	08151-01
K	Chromel/Alumel	High Temp	Ceramic	-73 650	Yellow	08151-09
C	Tungsten-Rhenium	Standard	Glass Filled Nylon	-29 218	Red	08151-04
C	Tungsten-Rhenium	High Temp	Ceramic	-73 250	Red	08151-07

*Uses compensating wire. Maximum junction temperature 250° C. See the Accessories section for more information on all accessories.

Specifications - Single Conductor

Materials

Shell: 304 Stainless steel
 Thermocouple materials:
 Chromel
 Alumel
 Insulation: Alumina ceramic
 Magnetic Materials:
 Chromel: No
 Alumel: Yes

Temperature Range -269°C to 450°C

Pressure @ 20°C 3500 PSIG (241 Bar), ISO KF 0 PSIG

Specifications - 1 or 2 Pairs

Materials

Shell: 304 Stainless steel
 Thermocouple materials:
 Chromel/Alumel (Type K)
 Tungsten-Rhenium (Type C)
 Insulation: Alumina ceramic
 Magnetic Materials: Yes

Temperature Range -269°C to 450°C

Pressure @ 20°C ISO KF 0 PSIG

1 Pair: 1250 PSIG (86 Bar)
 2 Pairs: 800 PSIG (55 Bar)