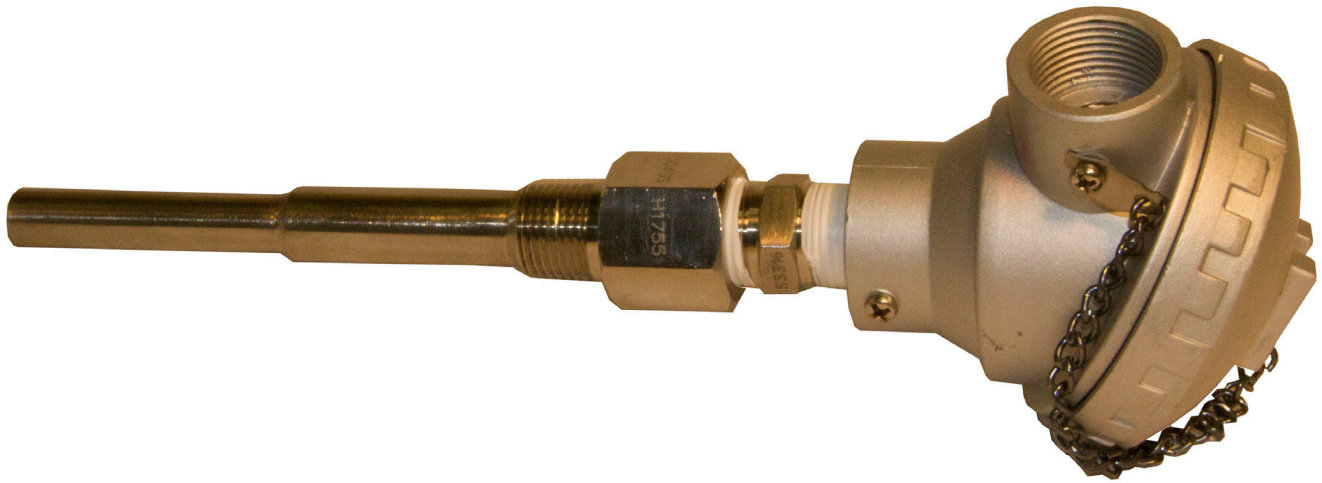


A4900 - THERMOCOUPLE AND RTD ASSEMBLIES

A4900 - ASSEMBLY STYLE



ASSEMBLY STYLE
THERMOWELL

MPI thermowell's are used when pressure, high velocity, and corrosive media are present in the process. The thermowell isolates the sensor from the process, allowing for removal and replacement of the sensor without shutting down the process.

OPTIONS - A4900

THERMOCOUPLE TYPE OPTIONS (SINGLE AND DUPLEX)

- Type J Type K
- Type T 3 or 4 Wire RTD
- 4, 6, 8, 10" STEM LENGTH
- CUSTOM
- 1, 1.5, 2" FLANGE
- CUSTOM
- JUNCTION TYPES
- EXPOSED 3 OR 4 WIRE
- GROUNDING UNGROUNDING
- CUSTOM STEM MATERIAL
- CUSTOM HEAD MATERIAL

STANDARD TERMINAL BLOCK

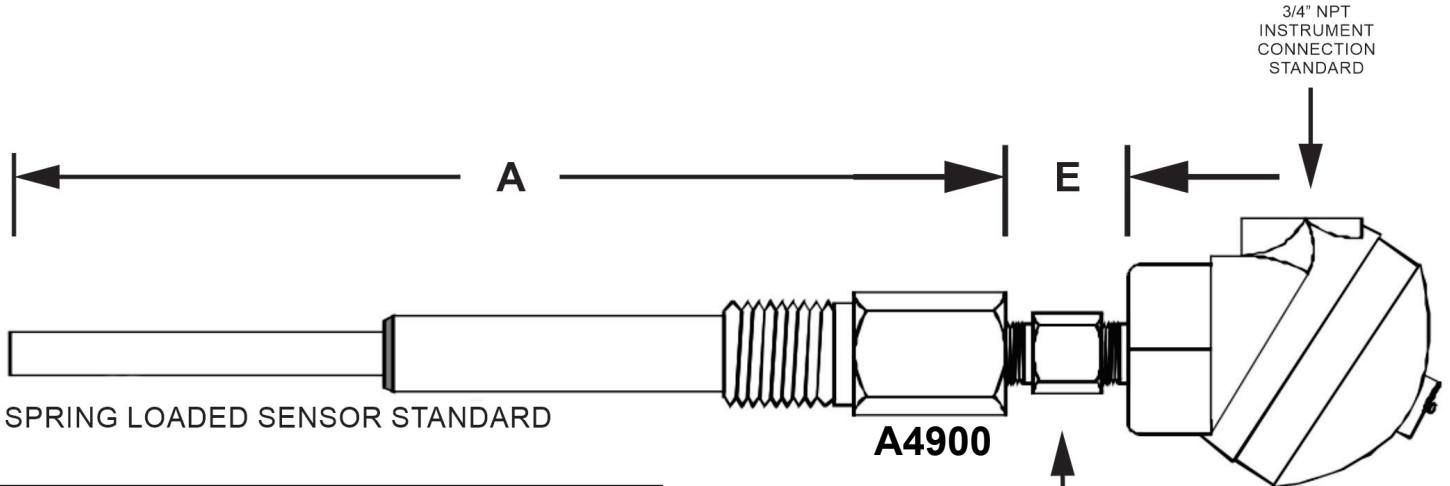


T - TRANSMITTER (RANGE)



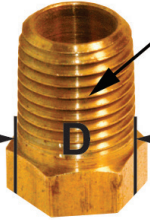
WE CAN PROGRAM THE TRANSMITTER
****SPECIFY OUTPUT WHEN ORDERING****

A4900 - DIMENSIONS



NPT THREAD DIMENSIONS

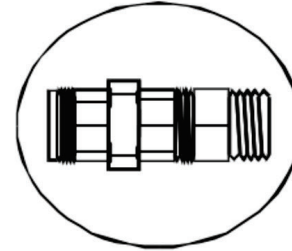
MEASURE THE DIAMETER AT THE THICKER END OF THE TAPERED THREAD



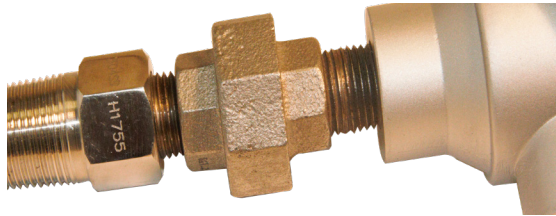
NPT THREADS

NPT THREAD SIZE	D DIMENSION
1/2"NPT	0.840"
3/4"NPT	1.050"

OPTION "U"
SEPERATE UNION & NIPPLE



U - SEPERATE UNION AND NIPPLE



ALLOWS THE USER TO CHOOSE THE DIRECTION OF LEADWIRE EXIT ON THE HEAD

JUNCTION NOTES

JUNCTION	RESPONSE TIME	NOTES
GROUND	MEDIUM	USEFUL FOR MEASUREMENT OF STATIC OR FLOWING GAS AND LIQUID TEMPERATURE AND FOR HIGH PRESSURE
UNGROUND	SLOW	USEFUL FOR APPLICATION WHERE THERMOCOUPLE MAY COME IN CONTACT WITH ELECTRICAL LINES/ CONTROL SYSTEM REQUIRES UN-GROUNDED INPUT
EXPOSED	FAST	USEFUL FOR MEASUREMENT OF STATIC OR FLOWING NON-CORROSIVE GAS TEMPERATURES WHERE FAST RESPONSE TIME IS REQUIRED.

A4900 - ORDER CODE

A4900XX - A - X - E - X - X - X - X

TYPE	STEM LENGTH	STEM MATERIAL	LENGTH	THREAD	JUNCTION	HEAD MATERIAL	OPTIONS
J - TYPE J	4 - 4" (101mm)	B - BRASS	1 - 1" (25.4mm)	1/2 - 1/2" (12.7mm)	E - EXPOSED	I - CAST IRON	T - TRANSMITTER (RANGE)
JJ - DUPLEX TYPE J	6 - 6" (152mm)	S - 304SS	4 - 4" (101mm)	3/4 - 3/4" (19.05mm)	G - GROUNDED	AL - LARGE CAST ALUMINUM	U - SEPERATE UNION & NIPPLE
K - TYPE K	8 - 8" (203mm)	S6 - 316SS	6 - 6" (152mm)	X - CUSTOM	U - UNGROUNDED	AS - SMALL CAST ALUMINUM	N - NO TERMINAL BLOCK
KK - DUPLEX TYPE K	10 - 10" (254mm)	X - CUSTOM LENGTH	8 - 8" (203mm)		3 - 3-WIRE	PL - PLASTIC	TRANSMITTER READY
T - TYPET	X - CUSTOM		10 - 10" (254mm)		4 - 4-WIRE	ALE - CAST ALUMINUM EXPLOSION	C - NIST TRACEABLE
TT - DUPLEX TYPET						FDA - FDA COMPLIANT PLASTIC	
T - TYPET						E - EPOXY COATED ALUMINUM	
RTD - PT100(200°C)						FDAF - FDA COMPLIANT FLIP TOP	
RTDD - DUPLEX PT100(200°C)							
RT4 - PT100(400°C)							
RT44 - DUPLEX PT100(400°C)							