



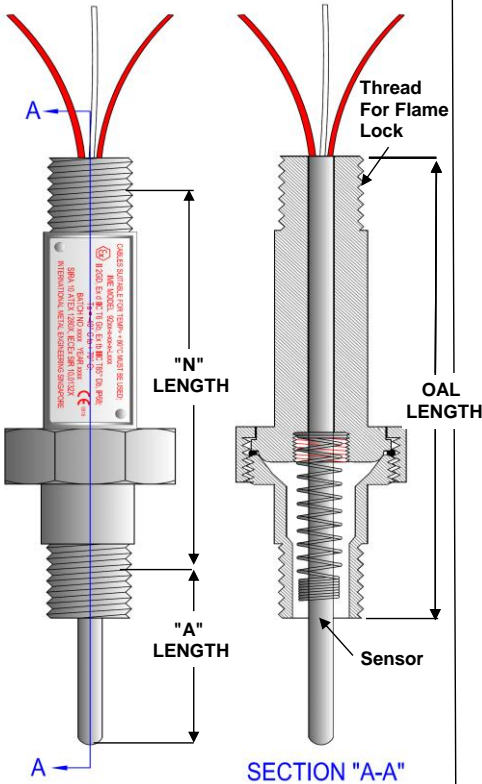
EXPLOSION PROOF CERTIFIED SPRING LOADED NIPPLE UNION TEMPERATURE ASSEMBLY

92 SERIES SPRING LOADED STAINLESS STEEL NIPPLE UNION

Description

The 92 series are the ATEX and IECEx approved spring loaded stainless steel nipple union assemblies that can be used with any approved equipment or transmitter that offers at least the same level of protection as detailed at the bottom of this page. This allows the entire assembly to be ATEX and IECEx approved. The assembly has a 1/2" NPT thread at the probe end and a 1/2" NPT or M20 thread at the lead end (thread for flame lock). The probe end of the nipple union is threaded to accommodate an optional protection of the probe such as a thermowell.

The 92 series comes with an option for a customized stainless steel nameplate that can be attached on the union. We can also provide these assemblies with a sensor from any manufacturer of your choice. See below for ordering information



Model	Explosion Proof Nipple Union Nipple Temperature Assembly
91	General Purpose
92	Atex & IECEx Approved (See Certification System Below For Details)

Code	Sensor Description
TJ	Type J Thermocouple, Class 1, DIN/EC 584-2-1992
TK	Type K Thermocouple, Class 1, DIN/EC 584-2-1992
TT	Type T Thermocouple, Class 1, DIN/EC 584-2-1992
TE	Type E Thermocouple, Class 1, DIN/EC 584-2-1992
TR	Type R Thermocouple, Class 1, DIN/EC 584-2-1992
TS	Type S Thermocouple, Class 1, DIN/EC 584-2-1992
PA	100 Ohm Platinum Resistance Sensor, Class A, DIN/EC 751-1985, 3 Wire
PB	100 Ohm Platinum Resistance Sensor, Class B, DIN/EC 751-1985, 3 Wire
PF	100 Ohm Platinum Resistance Sensor, Class A, DIN/EC 751-1985, 4 Wire
XX	To Be Specified

Code	Number of Elements
S	Single Element
D	Dual Element

Code	Nipple Union Nipple Assembly ("N" Length)
02	2 Inch (General Purpose Only)(OAL:3 Inch)
03	3 Inch (General Purpose Only)(OAL:4 Inch)
04	4 Inch (OAL 5: Inch)
05	5 Inch (OAL 6: Inch)
06	6 Inch (OAL 7: Inch)
07	7 Inch (OAL 8: Inch)

Code	Thread For Flame Lock
001	1/2" NPT
002	M20 x 1.5P

Code	Sensor Diameter
EG	6.4mm
MT	6.0mm

Code	Sensor "A" Length
L0000	SPECIFY "L" in mm

92	PA	S	04	001	EG	L0120	---	Typical Model Number
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Certification System

II 2G D
Ex db IIC T6 Gb
Ex tb IIIC T85°C Db, IP68
Ta = -40°C to +70°C

Ex db IIC T6 Gb
Ex tb IIIC T85°C Db, IP68
Ta = -40°C to +70°C