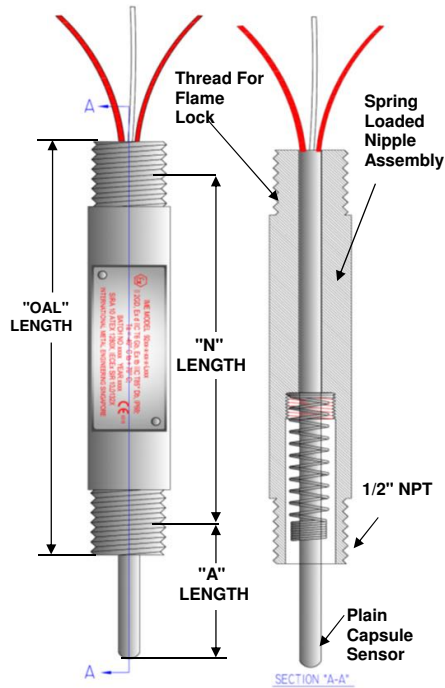


# Explosion Proof Temperature Assembly TA200



The TA200 series are variation of the TA100 series where these are the ATEX and IECEx approved spring loaded stainless steel nipple assemblies. This assembly can also be used with any approved equipment or transmitter that offers at least the same level of protection as detailed at the bottom of the page. This allows the entire assemblies 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. The probe end of the nipple union is threaded to accommodate an optional protection of the probe such as a thermowell. See below for ordering information.



Model	Description
TA200	General Purpose
TA201	ATEX & IECEx Approved

Code	Sensor Description
J	Type J Thermocouple, Class 1, DIN/EC 584-2-1992
K	Type K Thermocouple, Class 1, DIN/EC 584-2-1992
T	Type T Thermocouple, Class 1, DIN/EC 584-2-1992
E	Type E Thermocouple, Class 1, DIN/EC 584-2-1992
R	Type R Thermocouple, Class 1, DIN/EC 584-2-1992
S	Type S Thermocouple, Class 1, DIN/EC 584-2-1992
A	100 Ohm Platinum Resistance Sensor, Class A, DIN/EC 751-1985, 3 Wire
B	100 Ohm Platinum Resistance Sensor, Class B, DIN/EC 751-1985, 3 Wire
C	100 Ohm Platinum Resistance Sensor, Class A, DIN/EC 751-1985, 4 Wire
X	To be specified

Code	Number of Elements
1	Single Element
2	Dual Element

Code	Nipple Union Nipple Assembly ("N" Length)
2	2" General Purpose Only
3	3" General Purpose Only
4	4"
5	5"
6	6"
7	7"

Code	Thread for Frame Lock
N	1/2" NPT
M	M20 x 1.5P

Code	Sensor Diameter
G	6.4 mm
T	6.0 mm

Code	Sensor Length "A"
XXX	Specify in mm

Typical Model Number	

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