

AS6 Series Agency Certified Probe Assemblies

RTD assemblies for industrial temperature measurement applications

Minco temperature sensor assemblies deliver unmatched performance, value and reliability to meet demanding requirements in a variety of industrial applications. AS6 series probe assemblies conform to European (ATEX) and International (IECEX) standards for zones 0-2.

Overview

AS6 Series probe assemblies offer reliable performance against bearings or in air, gas, and fluid measurement applications.

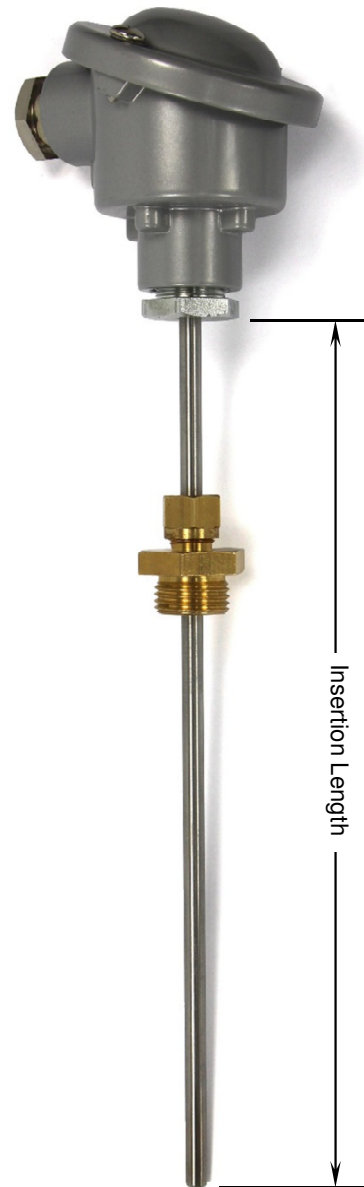
- ATEX and IECEX certification
- Ingress protection: IP54
- Temperature range up to 200 °C
- Single or dual element probes
- Class A and Class B tolerances per EN60751 (IEC 751)
- Dielectric strength: <5mA @ 500 VRMS
- All stainless steel case is standard; copper-tip and high-temperature MgO insulated probes are also available

Expanded Global Certifications

Minco understands the critical requirements of your applications. We will work with you to ensure that our products meet your requirements for testing and industry certifications.

AS6 Series temperature sensor probes and assemblies are multi-certified for use in the following applications:

- General Requirements
 - ATEX Directive 2014/34/EU
 - EN/ IEC 60079-0
- Intrinsic Safety Component (ZONE 0)
 - EN/ IEC 60079-11, Ex ia
- Increased Safety Component (ZONE 1)
 - EN/ IEC 60079-7, Ex e
- Non-Sparking Component (ZONE 2)
 - EN/ IEC 60079-15, Ex nA



AS6 Series Assembly Configuration Guide

AS6	AS6 (ATEX/IECEX certifications)										Assembly Series		
↓	M06	6.0mm (0.236")										Probe Diameter	
	M08	8.0mm (0.315")											
	M10	10.0mm (0.394")											
	S25	6.4mm (0.250")											
↓	PA	Single Element, 100 Ohm Platinum, 0.391 TCR										Element Type	
	PD	Single Element, 100 Ohm Platinum, 0.385 TCR, Class B											
	PM	Single Element, 100 Ohm Platinum, 0.385 TCR, Class A											
	PAPA	Dual Element, 100 Ohm Platinum, 0.391 TCR											
	PDPD	Dual Element, 100 Ohm Platinum, 0.385 TCR, Class B											
	PMPM	Dual Element, 100 Ohm Platinum, 0.385 TCR, Class A											
	↓	100	Specify in 25 mm increments; standard lengths: 100mm (3.9"), 200mm (7.9"), 500mm (19.7")								Insertion Length		
		↓	W	3 lead wires per element, IEC EN60751 colors								Number of Leads	
			U	4 lead wires per element, IEC EN60751 colors									
			↓	X	No fitting								Compression Fitting
				B	Brass fitting								
			↓	0	No fitting								Process Thread
				1	G1/2								
				5	1/2-14 NPT								
				8	M20 x 1.5								
			↓	B	DIN Form B								Connection Head
			↓	1	PG16 cable gland								Conduit Thread
			↓	S	All Stainless Steel Probe								Probe Type
			↓	0	No Teflon cap								Teflon Cap
				50	Teflon cap, 50mm (2.0")								
AS6	M06	PD	100	W	B	1	B	1	S	0	Sample Part Number		

Additional Capabilities

Minco's broad development, integration and assembly capabilities make us more than just a sensor supplier. Our capabilities enable optimal functional and packaging efficiency, as well as greater flexibility for your organization. We offer:

- Comprehensive development support
- Seamless integration of sensors, transmitters, controllers, heaters, flex circuits and other electronics
- Broad based assembly capabilities

For more information or custom options for Minco probe assemblies, contact your local Minco representative.