

# SCH55 SERIES Ex d, Ex ia ATEX, UKEX and IECEx HEAD

➤ Ex d or Ex ia APPROVED VERSIONS

➤ SAFE AREA VERSION

➤ ALUMINIUM EPOXY PAINTED FINISH OR STAINLESS-STEEL CONSTRUCTION

➤ WINDOW VERSION AVAILABLE

➤ UNIVERSAL FITTING

➤ INTRODUCTION

The SCH55 series is manufactured from cast aluminium finished in a blue epoxy paint or stainless-steel and is certified as Ex ia Intrinsically Safe or as an Ex d flameproof connection head. It has been designed to house standard 33 mm mounting temperature transmitters as well as ceramic connection blocks.



➤ FEATURE HIGHLIGHTS

## Suitable for housing ATEX / UKEX / IECEx Temperature transmitters

The SCH55 with Ex ia approval means an appropriately approved transmitter as well as the head are both approved with the temperature probe being classed as simple apparatus.

## Ex d Explosion Proof Assembly

With the SCH55 Ex d assembly, the temperature probe and the head are both part of the approval. For these applications, Status Instruments, has to supply the temperature probe as it is specially designed to fit the SCH55 to maintain Exd approval.

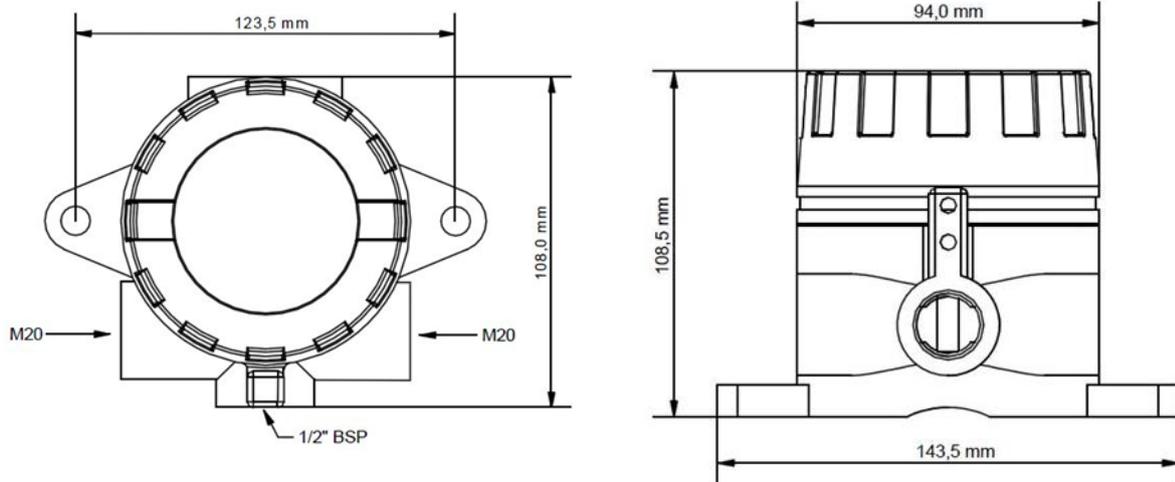
## Status Instruments Has ATEX, UKEX and IECEx Manufacturer Licences

This means Status Instruments is approved to build Ex ia/ Ex d temperature probe assemblies. (As well as our range of other ATEX / UKEX / IECEx products). **Organizations without these licences cannot assemble/ manufacture IS approved products.**

# SCH55 SERIES Ex d, Ex ia ATEX, UKEX and IECEx HEAD

APPROVALS SCH55 Head MARKING OPTIONS	
Ex ia Option	Ex d Option
Ex ia IIC T4 Ga Tamb -40°C to + 85°C Ex ia IIIC T135°C Da Tamb -40°C to + 85°C	Ex db IIC T6 Gb Tamb -40°C to + 65°C Ex tb IIIC T85°C Db Tamb -40°C to + 65°C Ex db IIC T5 Gb Tamb -40°C to + 80°C Ex tb IIIC T100°C Db Tamb -40°C to + 80°C Ex db IIC T4 Gb Tamb -40°C to + 85°C Ex tb IIIC T135°C Db Tamb -40°C to + 85°C
The SCH55 series head markings required must be specified at the time of ordering	

Approximate weight; 1.0 Kg



ORDER CODES			
	Material A = Aluminium S = Stainless	Window 0 = None W= Fitted	Approval option, 0 = None Ex d *1 Ex ia
<b>SCH55</b>	/	/	/
<b>Example:</b> Aluminium, no window, Ex ia = <b>SCH55/A/0/Ex ia</b>			
*1 Ex d heads must be supplied with a probe fitted.			

ACCESSORIES	
31-620-0013-01	M20 blanking plug (one supplied)
31-620-0012-01	M20 blanking plug Ex d Version
31-630-5368-01	M20 Brass blanking plug (Dome head) ATEX / UKEX
31-620-5369-01	1/2" BSPP SS stopping plug
31-630-5370-01	1/2" BSPP Brass stopping plug (Dome head)
31-620-5371-01	1/2" BSPP SS stopping plug (Dome head)
31-610-5394-01	U Bolt, supplied with nuts and washers
31-620-5395-01	SS M20 (M) x 1/2" NPT (F) Adaptor
31-620-5396-01	SS M20 (M) x 1/2" NPT (F) Adaptor ATEX / UKEX
Temperature probe options	Refer to <a href="http://www.status.co.uk">www.status.co.uk</a> or contact sales@status.co.uk

The data in this document is subject to change. Status Instruments assumes no responsibility for errors  
To maintain full accuracy, annual calibration is required. Contact support@status.co.uk for details

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