

SCH60X Monitoring System

SCH60X (SCH60X-X-X-X-X)

- > **ATEX, UKEX & IECEx**
- > **Ex d / Ex ia APPROVED**
- > **SAFE AREA VERSION AVAILABLE**
- > **ALUMINIUM OR STAINLESS STEEL**
- > **DISPLAY WINDOW VERSION AVAILABLE**

> **INTRODUCTION**

The SCH60X Monitoring system (SCH60X-X-X-X-X) series is manufactured from aluminium or stainless steel and is certified as an Ex ia Intrinsically Safe or Ex d flameproof terminal head.

SCH60X Ex ia enclosure can house temperature transmitters such as Status Instruments' SEM210X, SEM310X series as well as the TT200X range.

In addition, process display products, such as the SEM320X universal temperature transmitter with HART & simple connection blocks can also be accommodated.

When approved to Exd, the SCH60X enclosure can house any number of our instrumentation portfolio, including our wide variety of in-head temperature transmitters, battery powered indicators and loop-powered displays. These options must comply with special conditions of use.

> **FEATURE HIGHLIGHTS**

Ex ia Offerings and Assemblies

For Ex ia applications we can assist, or you can source your own temperature probe to complete the full assembly, with the sensor being classed as a simple apparatus.

Ex d Explosion Proof Assembly

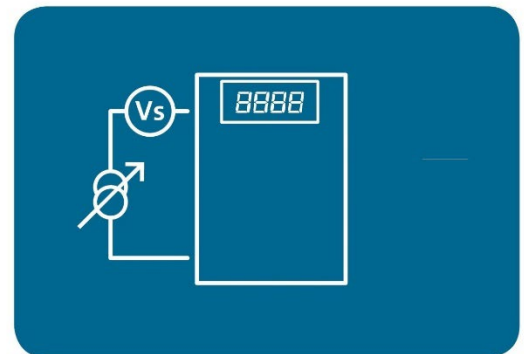
Only Ex d certified sensors, glands or blanking elements suitable for the application and correctly installed, may be mounted directly on to the SCH60X without additional certification of the combination.

Status Instruments Has ATEX, UKEX and IECEx Manufacturer Licences

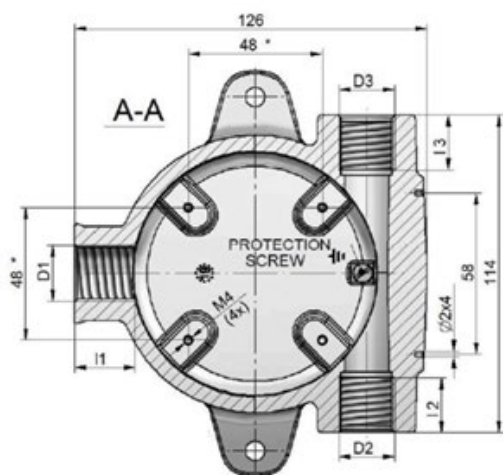
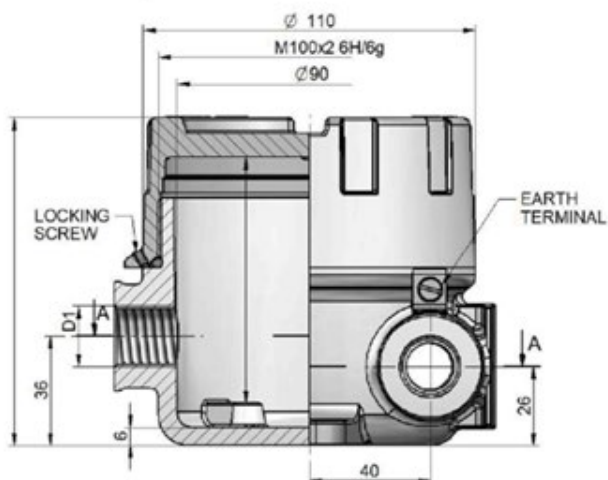
This means Status Instruments has been externally assessed and approved to build Ex ia / Ex d temperature probe assemblies. (As well as our range of other ATEX / UKEX / IECEx products).

Ingress Protection IP66/68

Robust connection head allows for a wide range of industrial applications, with both aluminium and stainless-steel options, it caters for corrosive environments and offers the ideal protection for our instrumentation. The optional window, can accommodate instrumentation with an at source digital display to make monitoring and measuring processes easier



APPROVALS	
SCH60X HEAD MARKINGS	
Ex d Certification	Ex ia Certification
II 2GD Ex db ia IIC T6/T5/T4 Gb Ex tb IIIC T85°C/T100°C/T135°C Db Tamb -40°C to + 65°C for T6 Tamb -40°C to + 80°C for T5 Tamb -40°C to + 85°C for T4	II 1GD Ex ia IIC T4 Gb Ex ia tb IIIC T85°C/T100°C/T135°C Db Tamb -40°C to + 85°C for T4
Ingres protection	BS EN 60529: IP54 / IP66/IP68 with thread seal, LOCTITE 577 should be used with a M20 O Ring.



D1 = M20 x 1.5, D2 = M20 x 1.5, D3 = M20 x 1.5
 Approximate weight; 3.0 kg

SCH60X Monitoring System

ORDER CODE: SCH60X (SCH60X-X-X-X-X)					
Build order code below.					
SCH60	X = Ex ia or Ex d 0 = Safe Area				
Material	Aluminium	A			
	Stainless Steel	S			
Approval	Ex ia***		I		
	Ex d****		D		
	None		0		
Window	Yes			Y	
	No			N	
Transmitter Type					/0 = Connection Block /A = SEM320X* /B = TTR200X /C = TTC200X /D = SEM210X /E = SEM310X /X = Any other electronics/safe area devices **
* only available with window version ** Not available for Ex ia version, and must conform to specific conditions of use for the Ex d version *** The Ex ia version with no window can be fitted with 2 transmitters from 'Transmitter Type' if 2 outputs are required. **** Ex d versions; appropriately approved glands, sensors or blanking elements must be used.					
Example Ex ia approved Aluminium Head with SEM210X Transmitter fitted					
SCH60	X	A	I	N	D

ACCESSORIES	
31-610-5394-01	SCH60 Pipe mount adaptor
31-630-0016-01	M20 Plug ExD
31-630-0017-01	M20 to 1/2" NPT adaptor Exd
Temperature probe options	Refer to www.status.co.uk 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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