

SCH4 SERIES CONNECTION HEAD

- > **SENSOR OR SURFACE MOUNT**
- > **HOUSES 1 or 2 TRANSMITTERS/CONNECTION BLOCKS**
- > **M16, M20, M24, ½” BSP, OR ½” NPT THREAD ENTRIES**
- > **SEALED TO IP67**
- > **HIGH IMPACT ABS PLASTIC CONSTRUCTION**

> INTRODUCTION

Designed in-house, the SCH4 connection head has found many industrial and HVAC applications. The head will accept standard connecting blocks and most standard head mounting transmitters with 33 mm fixing holes. Moulded in general purpose ABS plastic, there is a choice of threads for each entry and it is frequently used with temperature probes.

Different display cap options are available, housing electronics to display and data-log the process value of an attached sensor.

> FEATURE HIGHLIGHTS

Flexible:

Side and base entry ports with single, dual and triple entry options allow for probe or wall/surface mounting applications.

The SCH4 range has multiple-entry thread options that can be selected to suit the configuration required.

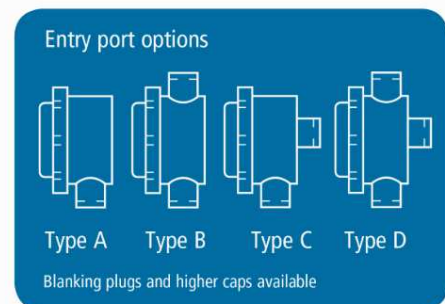
Cap options:

There are two types of cap available: high and low profile. The low-profile cap is used with most applications. Whereas the high-profile cap allows the head to house 2 temperature transmitters or connection blocks and is typically used with duplex sensors and is ideal for sensor fail-safe applications.

Display options available:

A loop-powered display can be mounted in the SCH4 head, so the temperature/process value can be displayed at the point of measurement.

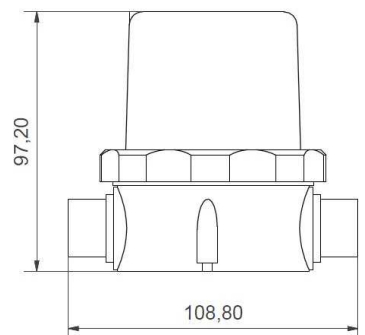
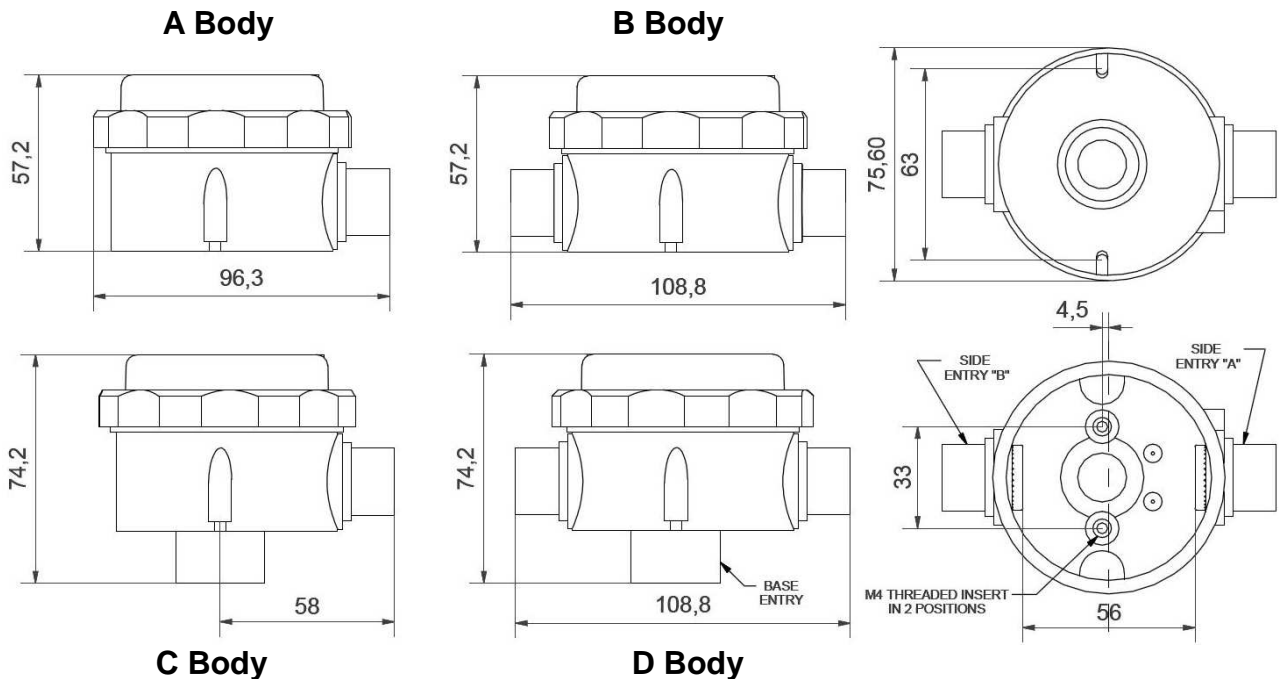
Several battery-powered instruments are also available including temperature, pressure, humidity and mA. See www.status.co.uk for details.



MECHANICAL	
Type/Function	Description
Material	ABS
Colour	Grey
Material	ABS plastic with UV, UL rating HB: Grey
IP rating	IP67
Weight	100 g approximate (with low profile cap)

SCH4 SERIES CONNECTION HEAD

SCH4 SERIES ORDER CODE																																			
	Body type	Cap	Base entry	Side entry A	Side entry B	Front label and Cap retaining*1																													
SCH4	A, B, C, or D	L, D, 0	Thread option	Thread option	Thread option	Option ✓ = Fitted 0,1,2,3,4 or 5																													
A: Single side entry B: Double side entry C: Single side with base entry D: Double side with base entry		L: Low D: High 0: None	Thread options 00 = Not fitted 16 = M16 0.5 BSP = ½" BSP 20 = M20 0.5 NPT = ½" NPT 24 = M24				<table border="1"> <thead> <tr> <th></th> <th>Label</th> <th>Strap</th> <th>Chain</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>01</td> <td>✓</td> <td>x</td> <td>x</td> </tr> <tr> <td>02</td> <td>✓</td> <td>x</td> <td>✓</td> </tr> <tr> <td>03</td> <td>✓</td> <td>✓</td> <td>x</td> </tr> <tr> <td>04</td> <td>x</td> <td>x</td> <td>✓</td> </tr> <tr> <td>05</td> <td>x</td> <td>✓</td> <td>x</td> </tr> </tbody> </table>		Label	Strap	Chain	00	x	x	x	01	✓	x	x	02	✓	x	✓	03	✓	✓	x	04	x	x	✓	05	x	✓	x
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Example: 1 base entry (M24) with 1 side entry (M16), low profile cap, with front label and cap retaining strap																																			
SCH4	C	L	24	16	00	03																													
*1 A strap or chain can be used to secure the cap to the SCH4 body to avoid the cap becoming separated																																			
For further options please contact sales@status.co.uk																																			



B Body with high cap

ACCESSORIES	
Pipe mounting kit	Please refer to www.status.co.uk
Sensors	Please refer to www.status.co.uk
Temperature transmitters	Please refer to www.status.co.uk
Connection blocks	Please refer to www.status.co.uk

The data in this document is subject to change. Status Instruments assumes no responsibility for errors

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