

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.



Entry port options



Type A Type B Type C Type D

Blanking plugs and higher caps available

➤ **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:

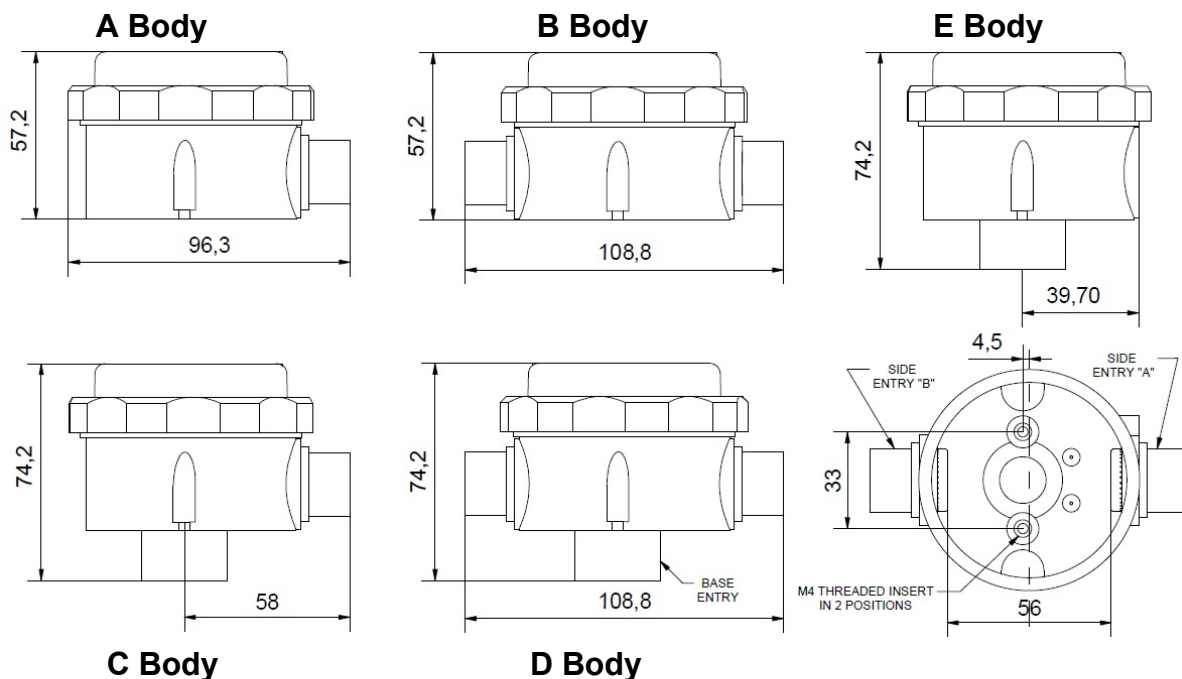
A loop-powered display can be mounted in the SCH4 head, so the temperature/process value can be displayed at the point of measurement.

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

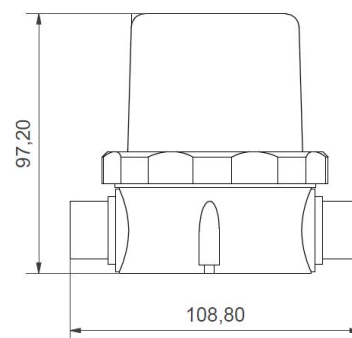
MECHANICAL	
Type/Function	Description
Material	ABS
Colour	Grey
Material	ABS plastic with UV, UL rating HB: Grey
IP rating	IP67
Weight	100 g approximate (with low profile cap)

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SCH4 PART NUMBERS										
SCH4	Body type Option		Cap Option	Base entry *1	Side entry A *1	Side entry B *1	Label and Cap retaining Options*2			
	A	Single side entry	L= Low D= High 0= None	Thread option	00	00	00 01 02 03 04 05	Front Label	Strap	Chain
	B	Double side entry		00	Thread option	Thread option		x	x	x
	C	Single side with base		Thread option	option	00		✓	x	✓
	D	Single base Double side		Thread option	Thread option	Thread option		x	x	✓
	E	Single base entry		Thread option	00	00		x	✓	x
			*1 Thread options 00 = Not fitted 16 = M16 20 = M20 24 = M24 0.5 BSP = ½” BSP 0.5 NPT = ½” NPT							
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			
*2 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										



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



B Body with high cap

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