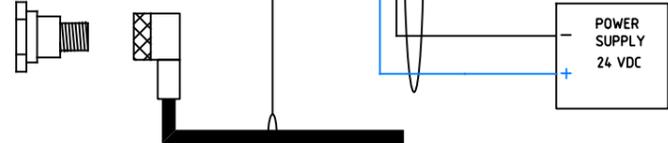


M12 CONNECTOR ASSIGNMENT

Pin	FUNCTION	CABLE COLOUR
1	#NOT USED	BLACK
2	#NOT USED	BROWN
3	4-20mA OUTPUT GROUND	GREEN
4	#SERIAL RS485(B)	YELLOW
5	#SERIAL RS485(A)	GREY
6	POWER GROUND	WHITE
7	POWER +24VDC	BLUE
8	##4-20mA OUTPUT +VE	RED



1MTR CABLE WITH M12 CONNECTOR SUPPLIED AS STANDARD.
 #USER TO SUITABLY INSULATE ANY UNUSED WIRES.
 RS485 IS AVAILABLE IF REQUIRED BY USER.
 ## THE 4-20mA IS A SOURCE OUTPUT.

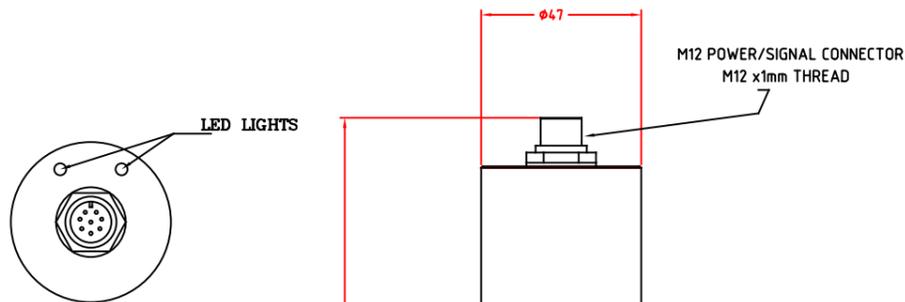
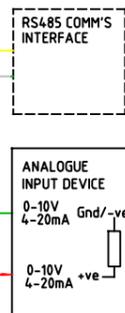
APPLICATION NOTES:

THE ELECTROCHEMICAL (EC) SENZTX SHOULD BE INSTALLED VERTICALLY IF POSSIBLE (CONNECTOR UPPERMOST)
 SAMPLE GAS FLOW RATE SHOULD BE REGULATED TO APPROX. 250mlPM.
 SAMPLE GAS PRESSURE PRESENTED TO THE SENZTX SHOULD BE WITHIN +/- 10% AMBIENT.
 (TYPICALLY FOR AMBIENT PRESSURE OF 1013mB ABSOLUTE)
 WETTING OF THE SENSOR ELEMENT BY CONDENSATES IN THE SAMPLE GAS STREAM SHOULD BE AVOIDED.

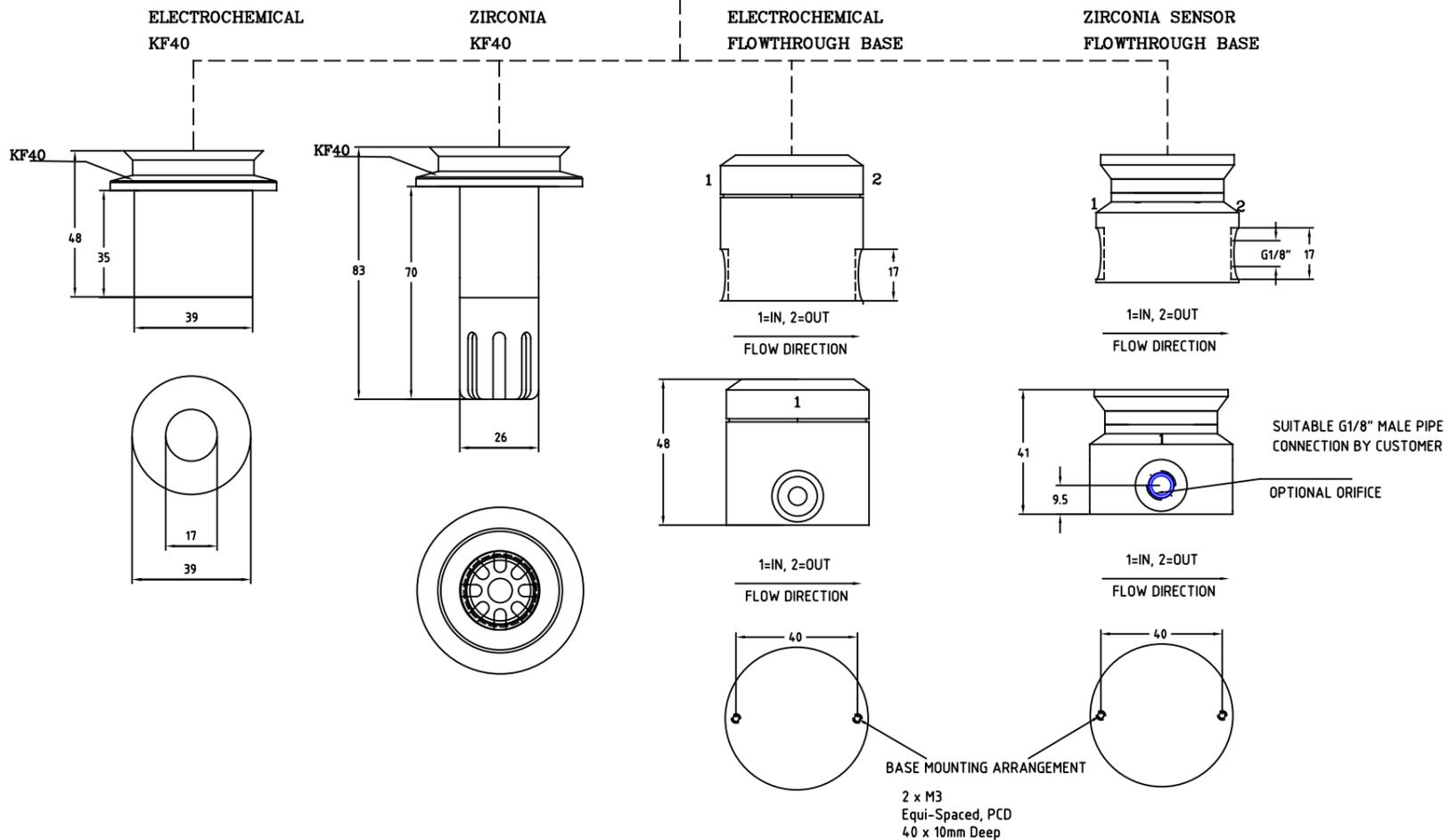
ANALOGUE CONFIGURATION NOTES:

CONFIGURATIONS AVAILABLE
 DEFAULT 4-20mA
 UPON REQUEST 0-10V

USER INTERFACE EQUIPMENT



Recommended flow is 250ml with the flow through base
 Position 1 is the sample gas input
 Position 2 is the sample gas output
 Optional orifice which achieves 250ml flow rate for a fixed inlet pressure of 2barg
 There is a ±10% variation of flow



REV.	DESCRIPTION	DRN.	CHD.	APP.



TITLE: SENZTX ZR & EC WITH M12 THROUGH PROCESS CONNECTION DIMENSIONS & CONNECTIONS WITH 4-20mA/0-10V ANALOGUE OUTPUT

S.O. NO.	N/A	DRAWING NUMBER	DRN.	CHD.	APP.	REV
Q.No.	N/A	SD009	CH	MW	MW	0
SCALE	N.T.S.	PAGE	1	OF	1	
DATE	21-08-2019					