

SonicSens 3 Safety Supplement

MANEX-153-0001

Document Control

Issue	Details	Author	Date
B	Release following ATEX Approval	DGC	14/08/2019

SCHEDULE DRAWING

Certified product. No modifications permitted to this drawing without approval of an ATEX authorised person. Any modifications must also be submitted to the Notified Body for approval.

SonicSens 3 User Manual 2/2






Safety Supplement - Version 1.0



Warning: This manual contains important safety and operating information. Please read, understand and follow the instructions / warnings contained in this manual.

Label drawings and Entity Parameters

Label:

COMPANY LOGO	PRODUCT BRAND NAME	 II 1 G Ex ia IIC T4 Ga  ITS19ATEX205070X  IECEx ITS 19.0030X  XXXX	 WARNING - POTENTIAL ELECTROSTATIC CHARGING HAZARD, DO NOT RUB WITH A DRY CLOTH.
COMPANY NAME & ADDRESS	Serial No: XXXX-XXXX Part No: XXXXXX	-20°C ≤ TAMB ≤ +60°C	

Entity Parameters:

	Output Parameters	Input Parameters		Output Parameters	Input Parameters
SonicSens 3 communications	Uo = 5.4V Io = 11mA Po = 15mW Co = 65µF Lo = 100mH	Ui = 5.4V Ii = 16mA Pi = 24mW Ci = 0 Li = 0	SonicSens 3 power output	Uo = n/a Io = n/a Po = n/a Co = n/a Lo = n/a	Ui = 12V Ii = 430mA Pi = 1.24W Ci = 0 Li = 0

Part Number make-up – SONIC3/xx/xx/IS

SONIC3	/xx	/xx	/IS
HWM Logger Type No & Safety Designation	Max Depth Measurement	Cable Length/ Connector	Intrinsically Safe

See the Configuration options document (MAN-153-0002) for details of the options available



Warning:

For the SonicSens 3, the connected intrinsically safe equipment must be certified with Entity Parameters. Any intrinsically safe equipment intended for connection to the SonicSens 3 must have compatible Entity Parameters and be connected and installed as per the manufacturer's instructions.

Configuration of SonicSens 3

SonicSens 3 to be connected to HWM intrinsically safe data loggers only.



Warnings:

- POTENTIAL ELECTROSTATIC CHARGING HAZARD, DO NOT RUB WITH A DRY CLOTH.
- POTENTIAL ELECTROSTATIC CHARGING HAZARD - THE INSTALLATION BRACKET MUST BE APPROPRIATELY CONNECTED TO EARTH IF ATTACHED TO A NON-CONDUCTIVE SURFACE.

Additional information is available in the Basic User guide Part 1/2 (MAN-153-0001) available from the HWM website.

If further support or assistance is required, please contact HWM Technical Support on 01633 489479 (option 5) or e-mail cservice@HWM-Water.com

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