

External Sensor Interface Safety Guide

MANEX-142-0004

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Document Control

Issue	Details	Author	Date
1	Draft	AE	25/01/2016
A	Update of Port Parameters	AE	21/03/2016
B	Update of Port Parameters part number and web site address	BB	17/10/2017

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.

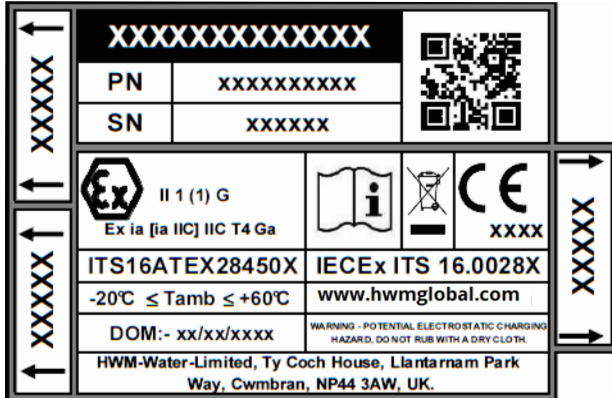
External Sensor Interface Safety Guide - Version 1.1



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

External Sensor Interface



	Output Parameters	Input Parameters
Parameters	Uo = 5.88 V Io = 61 mA Po = 90 mW Co = 43 uF Lo = 9.5 mH	Ui = 5.88 V Ii = 0.7 A Pi = 1.1 W Ci = 2.88 uF Li = 2.6 uH

Part Number make-up – ESI2/xy-len/IS

ESI2	/xy-len	/IS
HWM Family name/revision	Sensor Configuration	Safety Designation

See appendix 4 in the Intelligens / COMLogIS Basic User Guide Part 1/2 (MAN-142-0001) for details of the pressure sensor options available



Warning:

For an External Sensor Interface with different part number format/revision eg ESI/xy-len/IS, Refer to appropriate/previous version(s) of this manual for certified Entity Parameters.



Warning:

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

The External Sensor Interface must only be used with the Intelligens / COMLog™IS data logger,
HWM Part number H95/xxxxxxx/xxxxxx/IS



Warnings:

- POTENTIAL ELECTROSTATIC CHARGING HAZARD, DO NOT RUB WITH A DRY CLOTH.

Additional information is available in the Basic User guide Part 1/2 (MAN-142-0001) available from the HWM website.

If further support or assistance is required, please contact HWM Technical Support on
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