

# NexSens UW Field Wireable Plug Quick Start Guide

The NexSens UW-FWP provides a quick connection from a flying lead sensor cable to a NexSens UW-8 port.



## Wiring

SensorBUS Signal	UW-8P Pin	UW-FWP Terminal Name	UW-FWP Terminal Pin*
RS-232 Tx	1	RS232 TX	J1
Ground	2	GND	J2
RS-232 Rx	3	RS232 RX	J3
5V	4	5V	J4
12V	5	12V	J5
SDI-12	6	SDI-12	J6
RS-485 B	7	RS485 B	J7
RS-485 A	8	RS485 A	J8

\*Ensure that all pins, even ones without wires, are screwed in fully.

## Assembly

- 1 Disassemble the UW-FWP by removing the two set screws with a 7/64" hex driver. Pull the sleeve off of the bulkhead.



- 2 Feed the wires through the flex fitting and sleeve.

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- 3 Ensure the flex fitting connection is below the heat shrink. Tighten the flex fitting onto the cable using a wrench.
  - a. Do not over-tighten with vented sensors to avoid pinching the vent tube closed.



- 4 Screw the wires into the appropriate terminal pins (see table on opposite side) using a small flathead screwdriver.
  - a. Cut each wire down as required to avoid shorting of exposed portions.
  - b. Tighten any unused terminals fully.



- 5 Gently pull on the wires to ensure they are properly inserted. Carefully press the bulkhead into the sleeve. If necessary, rotate the bulkhead to fit the wires into the sleeve.
  - a. Desiccant should be installed at this point for the vented version.
  - b. Ensure the set screws holes align before pressing closed.



- 6 Install the set screws through the sleeve and into the bulkhead.