

Addendum 1

New Wiring Regime for Wizard Work Measurement Instruments

The head unit cable previously connected directly into the “Terminator” junction box via an IDC connector. It is being superseded by a 12-way Framatome “Qikmate” connector on the head unit lead, to facilitate easy connection/disconnection of the head unit.

SAM 100, SAM 200

A 12-way Qikmate to 8-way AMP interconnection cable (TYPE 1” cable) Pt No. S/CB/327-1-053 is supplied to connect to the sensors, power supply etc.

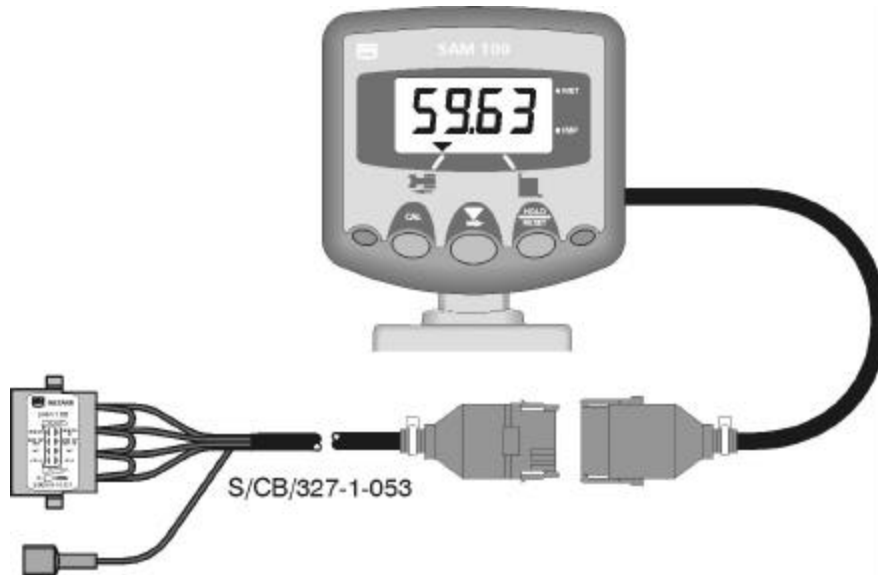
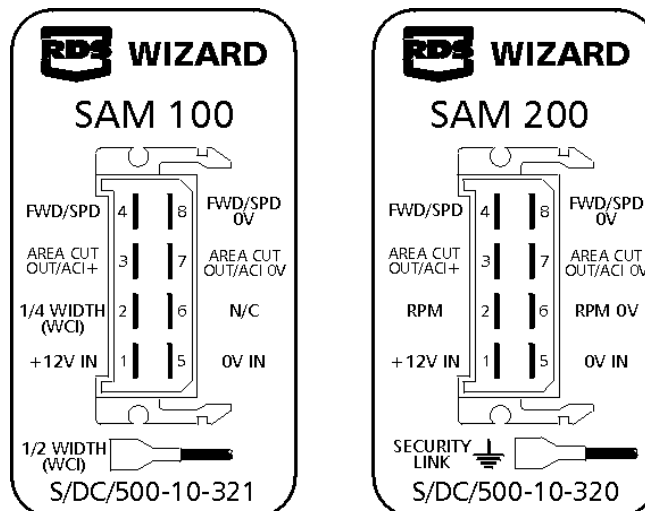


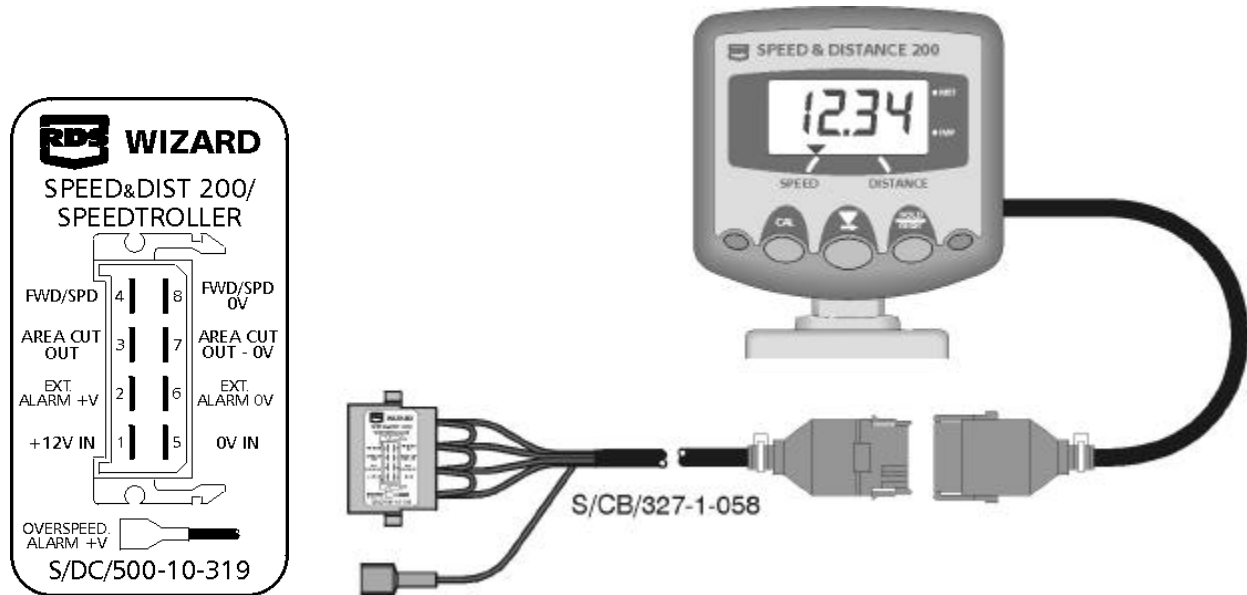
Figure 1 : SAM 100/200 Wiring (Type 1 cable)

The AMP connector accepts the standard 1/4” female crimp terminals. A wiring label (S/DC/500-10-321 for SAM 100, or S/DC/500-10-320 for SAM 200) identifies the wiring connections as shown below. Connect the security link wire on the SAM 200 connector to Earth to enable the “Engine Hours” function to be zeroed.



Speed-Distance 200 Meter

The Speed-Distance 200 Meter also has a 12-way Framatome “Qikmate” connector on the head unit lead. A 12-way Qikmate to 8-way interconnection cable (TYPE 2 cable) Pt No. S/CB/327-1-058 (fig.2) is supplied to connect to the sensors, power supply etc.



Wire in the power supply as before (section 2.2 of the Work Measurement Installation manual S/DC/500-10-261 Issue 4b).

Uploading Software

Pin 3 (Rx) and pin 9 (Tx) of the Framatome “Qikmate” connector, are utilised via a special upload cable.

Weighlog/Loadlog

Due to continuing product development, Loadlog 500/2000 and Weighlog 100/200 will continue to be supplied with the “Terminator” junction box (refer to the Loadlog 500/2000 / Weighlog 100/200 Installation manual).