MXD73
Quick Start Guide

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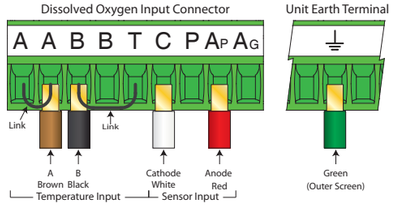
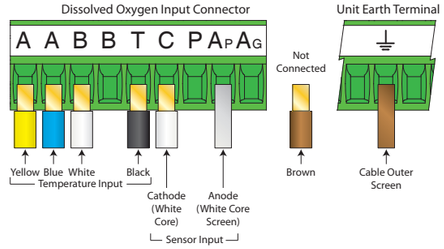
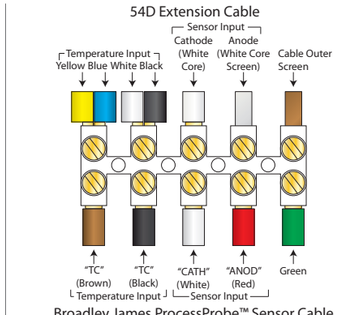
Standard Dissolved Oxygen Input Card Connection Details



Broadley James ProcessProbe™ Polargraphic Dissolved Oxygen Sensor Cable Connection Details

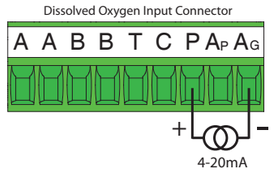


54D Extension Cable Connection Details



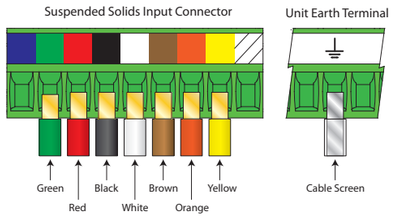
Broadley James ProcessProbe™ Sensor Cable

Broadley James ProcessProbe™ Cable To 54D Extension CableConnection Details

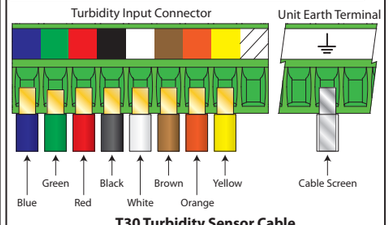


Pressure Transmitter Connection Details

Suspended Solids Input Card Connection Details

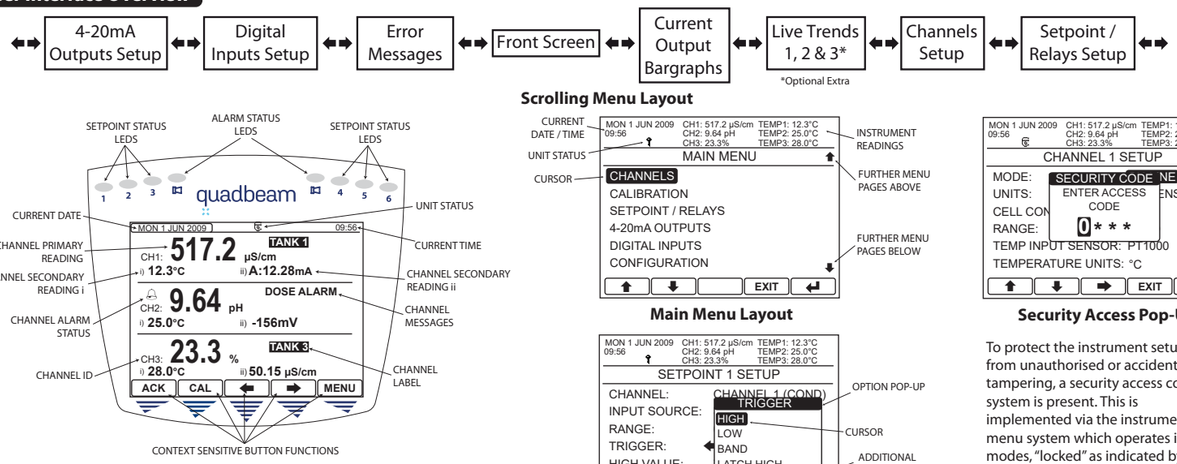


Turbidity Input Card Connection Details



T30 Turbidity Sensor Cable Connection Details

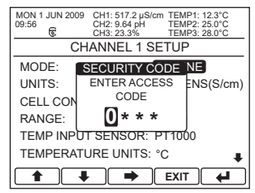
User Interface Overview



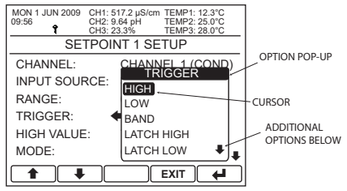
Front Layout

Scrolling Menu Layout

Main Menu Layout



Security Access Pop-Up



Pop-Up Option Layout

To protect the instrument setup from unauthorised or accidental tampering, a security access code system is present. This is implemented via the instrument's menu system which operates in two modes, "locked" as indicated by a padlock symbol and "unlocked" as indicated by a key symbol.

The default Access Code is: 1000

For configuration and calibration information please consult the operational manuals on the accompanying USB drive.

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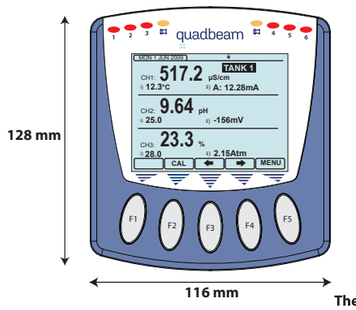
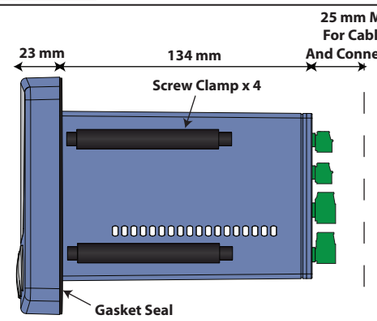
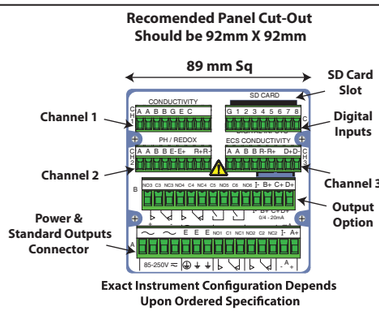
MXD73 Instrument Dimensions







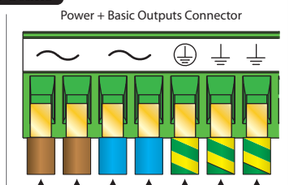
The MXD73 Panel Mount Instrument is designed to be flushed mounted and sealed in a square cut-out in a panel, and is held in place with the four screw clamps provided

Power & Standard Outputs Connection Details

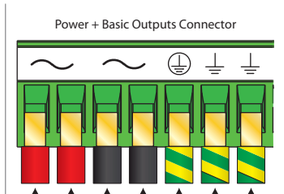
CAUTION!
Always remove the main power from the system before any alterations to the wiring. Ensure that both power lines are isolated. Make sure that the power cannot be switched on by accident whilst the instrument is being connected. For safety reasons an earth connection must be made to the earth terminal of this instrument.

Local wiring and safety regulations should be strictly adhered to when installing this instrument. If the installation methods and cable types recommended in this guide are followed, then the instrument will achieve the levels of EMC protection as specified in the appropriate manual.

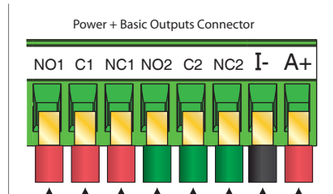
Consult the serial label on the side of the instrument for supply voltage requirements.



85V-265V AC/DC Power Supply Connection Details

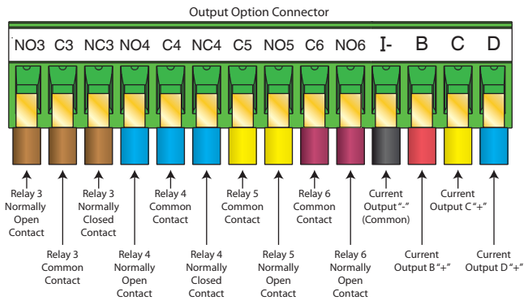


18V-32V AC/DC Power Supply Connection Details

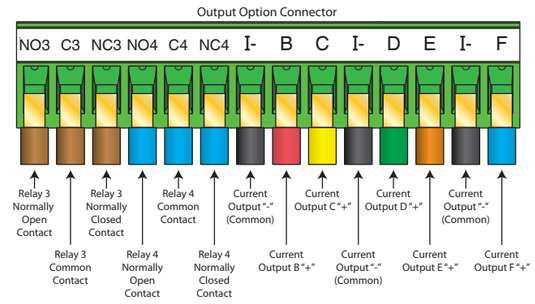


Standard Outputs Connection Details

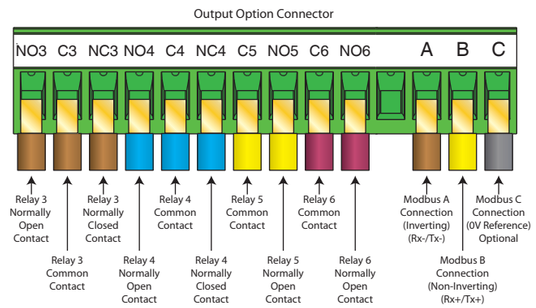
Output Option Card Connection Details



Output Option Card Connection Details.
Available Relays and Current Outputs Vary Depending On Card Type

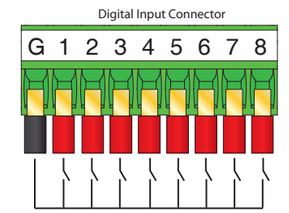


5 Current Outputs 2 Relays Output Option Card Connection Details



Modbus and 4 Relays Output Option Card Connection Details

Digital Input Connection Details



Digital Input Connection Details

Fitted Options-

Power Supply: ☐ 24V ☐ Mains

Output Option Card: ☐ 1-Current 2-Relays ☐ 3-Current 0-Relays ☐ 3-Current 4-Relays ☐ 5-Current 2-Relays ☐ Modbus 4-Relays

Channel1: ☐ Cond ☐ pH/Redox ☐ ECS ☐ DO ☐ Aux mA IP ☐ SS

Channel2: ☐ Cond ☐ pH/Redox ☐ ECS ☐ DO ☐ Aux mA IP ☐ SS

Channel3: ☐ Cond ☐ pH/Redox ☐ ECS ☐ DO ☐ Aux mA IP ☐ SS