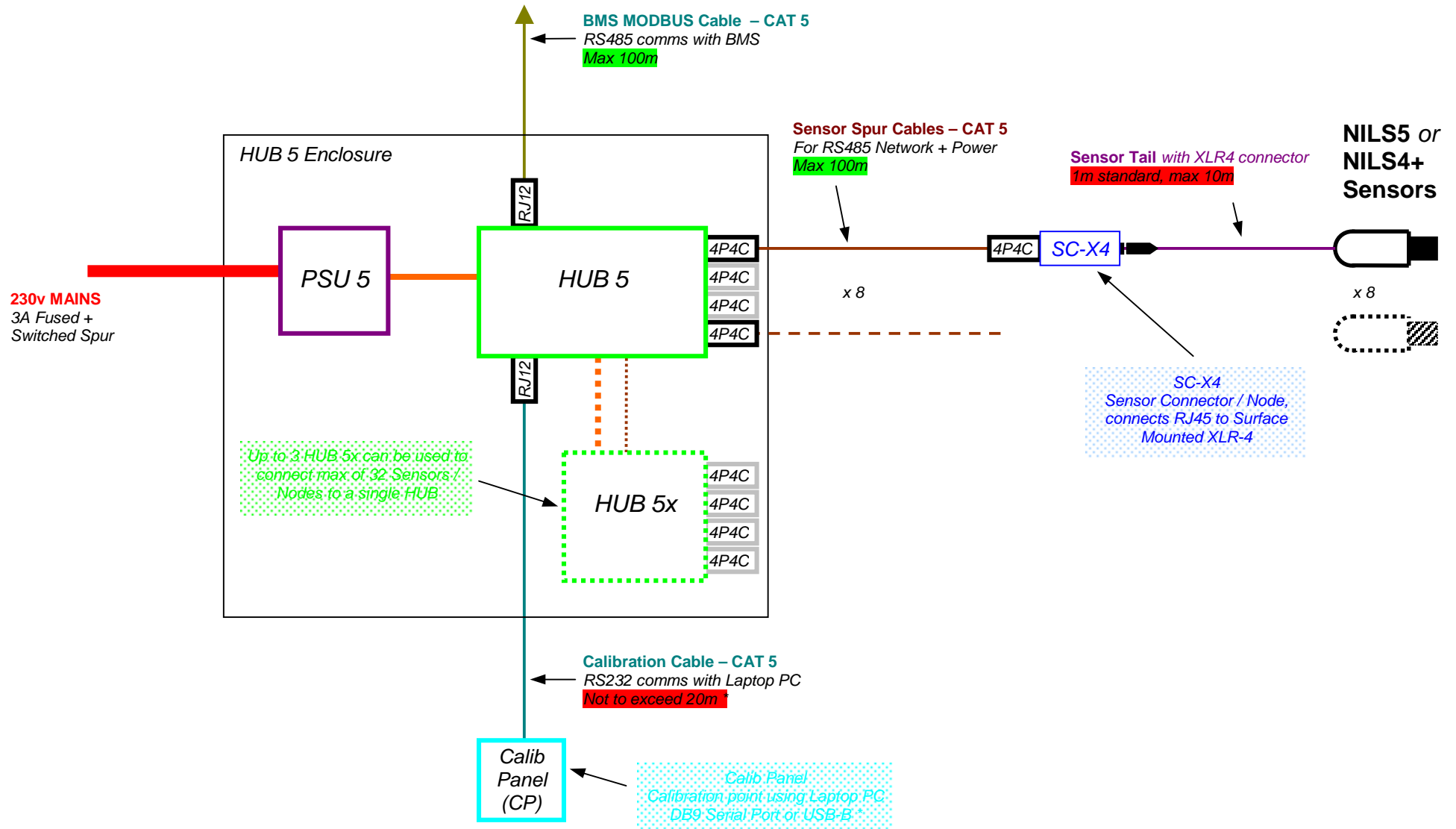


Brooks Light Sensors - HUB 5 System Wiring Details (CAT-5 Option) Rev 1.1

System Block Diagram



Notes:

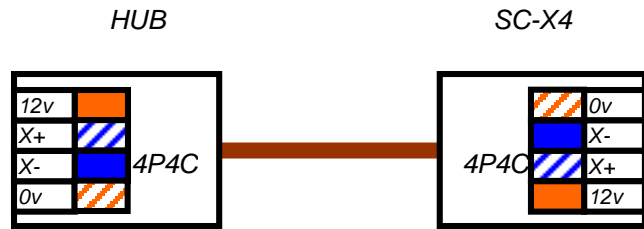
- * USB Calibration option – Calibration Panel is fitted with USB-B connector, max cable length 1.5m from HUB
- System can also be supplied with Screw Terminal Plugs in place of RJ12/4P4C connectors, or RJ45 in place of 4P4C

HUB 5 Cable Details + Recommended Colours

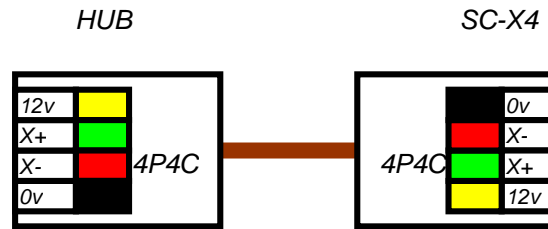
Sensor Spur Cables – 4P4C (RJ9/RJ10) CAT 5 (T568A)

or Telephone Cable

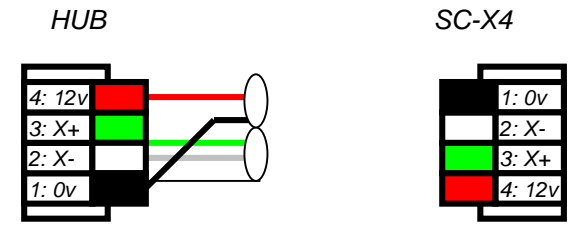
or Screw Terminals (Belden8723 or CAT 5)



At minimum, X+ / X- should be paired



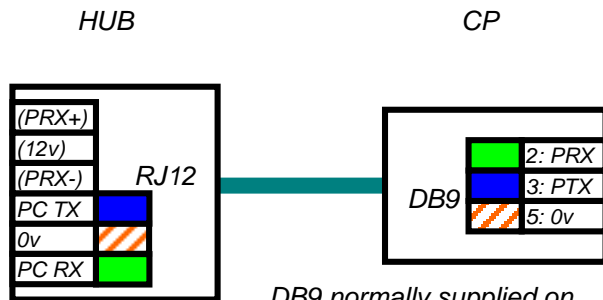
Non-twisted pairs, so max 20m



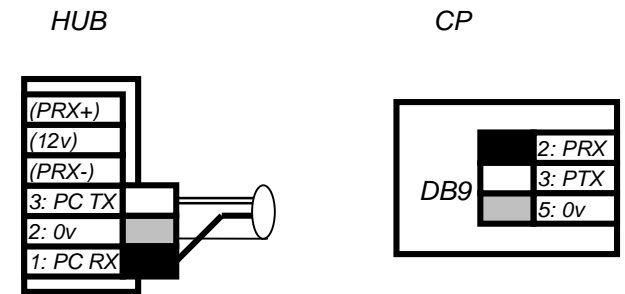
Colours are for Belden (screen only earthed @ HUB) for CAT 5 use 4P4C colours

Calibration Cable – CAT 5

or Screw Terminals (Belden 8451 or CAT 5)

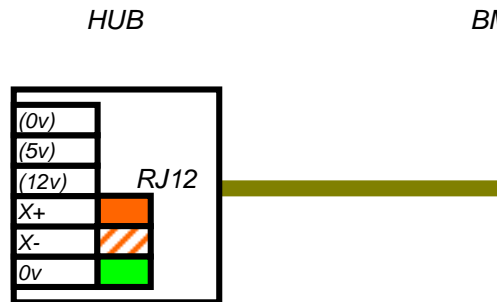


DB9 normally supplied on standard backplate with screw terminals



BMS MODBUS Cable – CAT 5

or Screw Terminals (Belden 8451 or CAT 5)



Pair X+ / X-

