



**Remote Controller Cable**  
An 8 metre cable is supplied with the heat pump. The maximum length of the remote controller cable is 100 metres.  
Use shielded wire where the length is 30 metres or longer and connect the shielded wire to terminal 3 (GND) on the Terminal PCB.

Distance	Cable (mm <sup>2</sup> )	Shield
~ 30 metres	Minimum 0.5	Non-shielded
30 ~ 100 metres	Minimum 1.0	Shielded

**! NOTE !**

This wiring diagram should be read in conjunction with the AERONA<sup>3</sup> ASHP installation instructions and system schematic HPCS-C004S.

Project Title: AERONA<sup>3</sup> ASHP  
Installation Pack C - Direct Control system  
Cascade System  
W-Plan type system with legionella protection  
UFH downstairs and radiators upstairs  
HW priority provided by HPWPR1  
(wiring diagram)

Drawing Set: AERONA <sup>3</sup> Control System Schematics	Dwg. No: HPCS-C004E
Status: Approved	Revision: 1.0
Rev Date: 26/05/23   Drawn By: CG	Checked By: NS

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Notes: Some Neutral and Earth connections have been excluded for clarity. For immersion heater programmer connection details, refer to the instructions supplied with the programmer OR the instructions supplied with the AERONA<sup>3</sup> heat pump.