



"We're in Control"



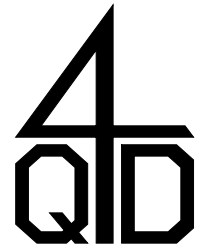
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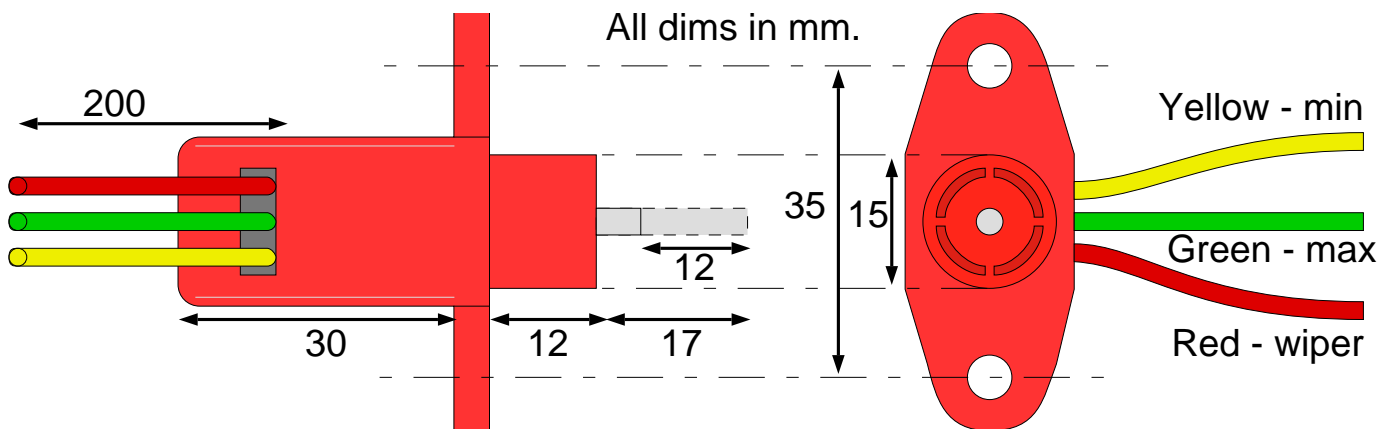
<http://www.4QD.co.uk>

Email to: [support@4QD.co.uk](mailto:support@4QD.co.uk)

## Instructions

### Plunger pot

The drawing shows the plunger pot.



Plunger travel is 12mm, with an internal spring to push the plunger out.

Beware of the colours: these are not as you might expect. Red is the pot wiper and not the max of pot: green is pot maximum, not the min of the pot. When the plunger is fully out, red connects to yellow. When fully in, red connects to green.

Note that the wires are too thick to be directly connected to the IDC connectors used on our drives. If used with the IDC the IDC connections are forced apart and can short out to each other.

Beware: if using the pot in a foot control excessive pressure on the plunger can break the back of the pot. A separate mechanical travel stop must be fitted.

The controller instruction manuals show the pot connected via a 3 core cable with red, blue and green wires:

Controller	Plunger pot
Red - pot max	connects to green
Blue - wiper	red
Green - minimum	yellow

The Porter does not use the 'pot max' connection so the plunger pot's green wire and red wire should either be connected together or simply do not use the green wire.