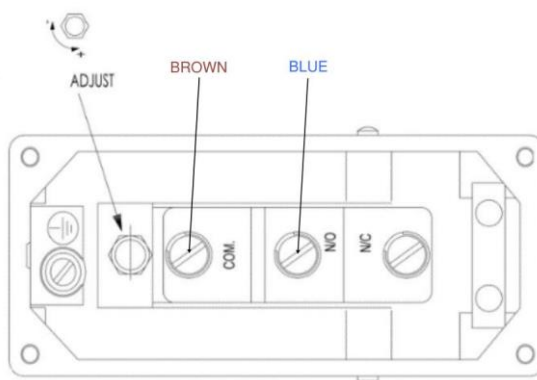


## Pump Manifold Installation Guide

The AquaGuard pump manifold assembly has been pressure tested to 8 bar, please follow the instructions below to ensure no damage to the manifold is caused.

1. When fitting the manifold assembly to the pump, tighten using a spanner on the check valve body and not the manifold or elsewhere as this could cause a sealed joint to move and result in a leak. Do not overtighten fittings.
2. When fitting a CPVC adaptor or other type on the delivery valve, tighten using a spanner on the lever valve body and not the manifold or elsewhere as this could cause a sealed joint to move and result in a leak. Do not overtighten fittings.
3. If using with an AquaGuard fire pump controller then the pressure switch must be wired as pictured below, **Brown** = Common and **Blue** = Normally Open (Note: Controller requires normally closed contacts at system pressure, the labelling on the pressure switch refers to contact state under no pressure, therefore normally open contact must be used as this is normally closed at system pressure).



4. Pressure switch cut in pressure is set at default to 2.5 bar, to adjust pressure switch cut in pressure, set system pressure at required cut in pressure using pressure gauge, then using the adjustment screw (shown in diagram above) slowly turn clockwise to lower cut in pressure or anti-clockwise to raise cut in pressure, until a faint audible click is heard. Pressure switch is now set to new cut in pressure.
5. Wire Flow switch with **Brown** = Common and **Blue** = Normally Open, if using with an AquaGuard fire pump controller please ensure time delay adjustment is set to zero i.e no time delay, controller has the appropriate alarm time delay programmed.

