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**To:** poolpumps@energystar.gov  
**Subject:** Feedback on Pool pump Test Communications Methods

Since the goal of the test is to test the pump's response to signal and not the communication system and at the control board level the microprocessor will be receiving the com traffic at TTL levels pins or a serial port. I think that the simplest and most cost effective way of connection would be to have the manufactured incorporate a wired TTL level port to inject the signal. The hardware would be generic and the communications protocol would be supplied by the manufacturer.

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