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INTELLIFAUCET®

DUAL REMOTE INSTRUCTIONS

SUPPLEMENT TO THE REMOTE CONTROL INTERFACE INSTRUCTIONS.

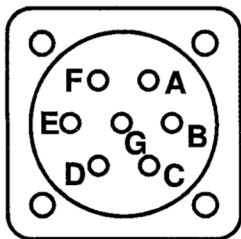
INTRODUCTION

The Intellifaucet dual remote control interface allows the user to select the temperature setpoint and the flow setting remotely using a 4-20 mA current loop. This interface expands on the interface described in the "Guide to the Remote Control Interface" (GRCI). Information in this document supersedes information in the GRCI.

The dual remote control interface features 4 digital outputs - Start, Stop, Temp/Flow select, and Data Ready/Not Ready, and two analog inputs, 4-20+ and 4-20-.

ELECTRICAL CONNECTIONS

Make the connections according to Figure 1.



- A = 4-20 + White
- B = 4-20 - Black
- C = START OUT Red
- D = STOP OUT Green
- E = DIG GND for C, D, F & G Orange
- F = DATA READY / NOT READY Brown
- G = TEMP / FLOW OUT Blue

All electrical specifications are identical to those mentioned in the GRCI.

The Data Ready line allows new settings only when held high.

The digital ground line can be used as the ground for all 4 data line.

The flow range is 15% to 100%. 4.5 mA is 15% flow, and 19.5 mA generates 100% flow. The scaling equation is:

$$\text{mA} = 0.17 * \text{Flow Percent} + 2.42 \quad \text{Equation 1}$$

or

$$\text{Flow} = 5.86 * \text{mA} - 14.2. \quad \text{Equation 2}$$

(Revised July 1, 2016)

TECHNICAL SUPPORT

If you have any questions, please call Hass Manufacturing Company at (518) 674-8151 or via email info@hassmfg.com.