Technologic® IPC

DUPLEX OPERATION WITH SIGNAL SPLITTER

INSTALLATION AND OPERATION GUIDE

This Device is for taking one signal and distributing a 4-20 MA signal into two Intelligent Pump Controllers that are running in Duplex Configuration. This will allow you to use only one device and provide the correct signal into each drive. Please note that if the sensor fails, the drives will not operate and both drives will receive faults.

Xylem Part # P2003555

Installation Type: Din Rail mounted into a control cabinet. This device is not intended to be mounted or installed inside of the IPC Enclosure. Please install in another location.
IPC DUPLEX OPERATION WITH SIGNAL SPLITTER

**Drive 1**

- Analog I/O: 39 COM A OUT +10V 50 A IN 54 A IN 55 COM

**Drive 2**

- Analog I/O: 39 COM A OUT +10V 50 A IN 54 A IN 55 COM

**Digital I/O**

- 12 +24V 13 +24V 18 D IN 19 D IN 27 D IN 29 D IN 32 D IN 33 D IN 20 COM

**DIP SWITCHES FOR 4-20MA:**

1. On
2. On
3. On
4. Off (to the left)
5. Off (to the left)
6. On

**Terminal #1**

- White Transducer cable wire (4-20MA feedback)

**Terminal #2**

- Twist wires between #6, and #8. Install into Terminal #55 On Drive #1

**Terminal #3**

- Terminal #53 On Drive #2 (Analog Input)

**Terminal #4**

- Terminal #55 on Drive #2

**Terminal #5**

- Terminal #53 On Drive #1 (Analog Input)

**Terminal #6**

- Twisted with #2, and #8. Install into Terminal #55 On Drive #1

**Terminal #7**

- Terminal #12 on Drive #1 (24VDC)

**Terminal #8**

- Twisted with #2, and #6. Install into Terminal #55 On Drive #1

---

**Xylem Inc.**
8200 N. Austin Avenue, Morton Grove, Illinois 60053
Phone: (847) 966-3700  Fax: (847) 965-8379
www.bellgossett.com

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.
© 2017 Xylem Inc.  IM294 Rev. 0  May 2017