Triple 4-20mA Loop Splitter - Model TIM018-Mk2

In many industrial systems, 4-20mA will send measurement values from a transmitter or amplifier to other devices such as panel meters, chart recorders, PLC’s, controllers etc.

Often, these devices share the same signal, because they are connected in series.

A problem which you may find, is that if any of the devices in the loop is removed, fails, or suffers a wiring fault, all other devices will lose their 4-20mA signal.

The TIM018 helps to solve this problem. It takes one 4-20mA signal and makes 3 copies. Each copy signal can be open circuit or short circuit and will not affect the other loop signals.

- Simple to install and commission
- Clear Plain English operating manuals
- Internal 20V supply to power sensor
- Can scale each output separately
- Low cost and fast delivery
- wide range power supplies

Operating manuals and more technical detail at london-electronics.com/signal-transmitters.php

Specifications:

**Input**
- Input resistance: 50 Ohms
- Input range: 4-20mA, 0-10mA
- Excitation voltage: 20VDC nom. 28mA max

**Output**
- Output range: 4-20mA, 0-10mA
- Span adjustment: +/-9mA
- Zero adjustment: +/-1mA
- Response speed: 200 mSeconds
- Isolation: 380V to earth and power
- Drive capacity: 600 Ohms per loop
- Accuracy: +/-0.1% span
- Temp.Co.: +/-75ppm/C

**Note:** All + O/P terminals are internally connected

**Power**
- Supply voltage: 95-265 VAC or 11-30 VDC
- Power consumption: 3 Watts max
- Connections: Screw terminals - plug-in

**Environmental**
- Working temp. range: 0-50 C
- Storage temp. range: -20 to 75 C
- Humidity: 0-90% rh non-condensing
- Sealing: IP40

**Mechanical**
- Mounting: DIN Rail EN50 022
- Size: 22.5 w x 99h x 111 d
- Weight: 200 grammes

**Ordering Code:**
- TIM018-Mk2-AC for 95-265 VAC
- TIM018-Mk2-DC for 11-30 VDC