

Weschler Process Loop Splitter

- Three Separate 4 mA to 20 mA Outputs
- Flexible and Simple Scaling
- DIN Rail Mounting
- Excitation Output
- Screw Terminal Connections
- Wide Power Supply Range
- Low Input Resistance
- Narrower Case than Previous Model

SPECIFICATIONS

Input	
Input Signal:	4 mA-20 mA, 0-10 mA
Input Resistance:	50Ω
Excitation Voltage:	20 VDC nominal, 28mA max
Output	
Number of Outputs:	3
Output Range:	4 mA-20 mA, 0-10 mA
Adjustability:	Zero ±1 mA, span ±9 mA
Accuracy:	±0.1% of span
Speed of Response:	200 milliseconds
Isolation:	380V to earth and power
Drive Capacity:	600Ω per loop
Power Consumption:	3W max
Operating Temperature:	0-50°C, <90% RH non-condensing
Size (mm):	22.5 W x 99 H x 111 D
Mounting:	DIN rail EN50 022
Sealing:	IP40

The TIM-018 allows one 4 to 20 mA signal to be split into three separate loops. Each output has its own zero and span adjustments, which are accessible from the front panel.

All loops are load isolated so an open or short on one loop will not affect the other loops. An internal 20V supply provides sensor excitation.

Note: All loop + terminals are internally connected.



TIM018-Mk2

ORDERING INFORMATION

TIM018-Mk2-AC	Process Loop Splitter for 95-265VAC operation
TIM018-Mk2-DC	Process Loop Splitter for 11-30VDC operation

Pyragon Universal Process I/O Module

- Direct Replacement for Transmation 3000 Series Modules
- Universal Input Includes TC, RTD, mA DC, mVDC
- 4 Digit Alpha-Numeric LED Display
- Input Isolated from Output and Power
- 4 Year Warranty

ORDERING INFORMATION

P3100	Alarm/Transmitter in Metal Case
P3100-WOC	Alarm/Transmitter w/o case
P3100T	Transmitter Only

The P3100 accepts a wide variety of inputs. The 4 digit display provides a local readout. Use the P3100 in a new installation or to replace existing 3000 series units.



P3100

SPECIFICATIONS

Models Replaced:	3510A, 3520A, 3530A, 3540A, 3610A, 3620A, 3630A, 3640A, 3650A, 3660A, 3510DRA, 3520DRA, 3530DRA, 3540DRA, 3610DRA, 3620DRA, 3630DRA, 3640DRA, 3650DRA, 3660DRA, 3510T, 3530T, 3610T, 3630T, 3650T, 3900F, 3909F
Input Types	
Thermocouple:	J, K, T, E, R, S, B, L, U, N
RTD (2 or 3 wires):	100Ω Pt (α.00385, .00392, .003916); 200, 500 & 1000Ω Pt (α.00385); 120Ω Ni and 10Ω Cu
Current:	±20 & ±50mA DC ranges
Voltage:	±1 & ±10V DC ranges
Millivolts:	±70mV
Potentiometer (3 wire) & Resistance (2 wire):	50, 200 & 2000 ranges
Frequency:	Counts/minute, Hz & kHz ranges
Signal Output:	4-20mA DC (600Ω Load) or 1-5V DC, 10-50mA DC optional
LED Display:	4-Digit Alphanumeric, Decimal Point configurable for 0, 1st, 2nd or 3rd place
Front Panel Buttons:	Relay Trip & Recovery parameters, Relay states override, Latch reset and output manual mode
Analog Accuracy:	0.1% of Span or 10mV referred to input
Loop Power:	24VDC supply to power input mA signals up to 21mA
DPDT Relay:	Configurable delay & latching
Working Voltage:	300VAC Input to Output to Input Power
Isolation:	1000VDC Input to Output to Input Power
Configuration Interface:	RS232, 1200 baud, ASCII half duplex
Operating Temperature:	0-50°C
Power (jumper selectable):	100-240VAC, 50/60Hz and 24VDC ±10%