

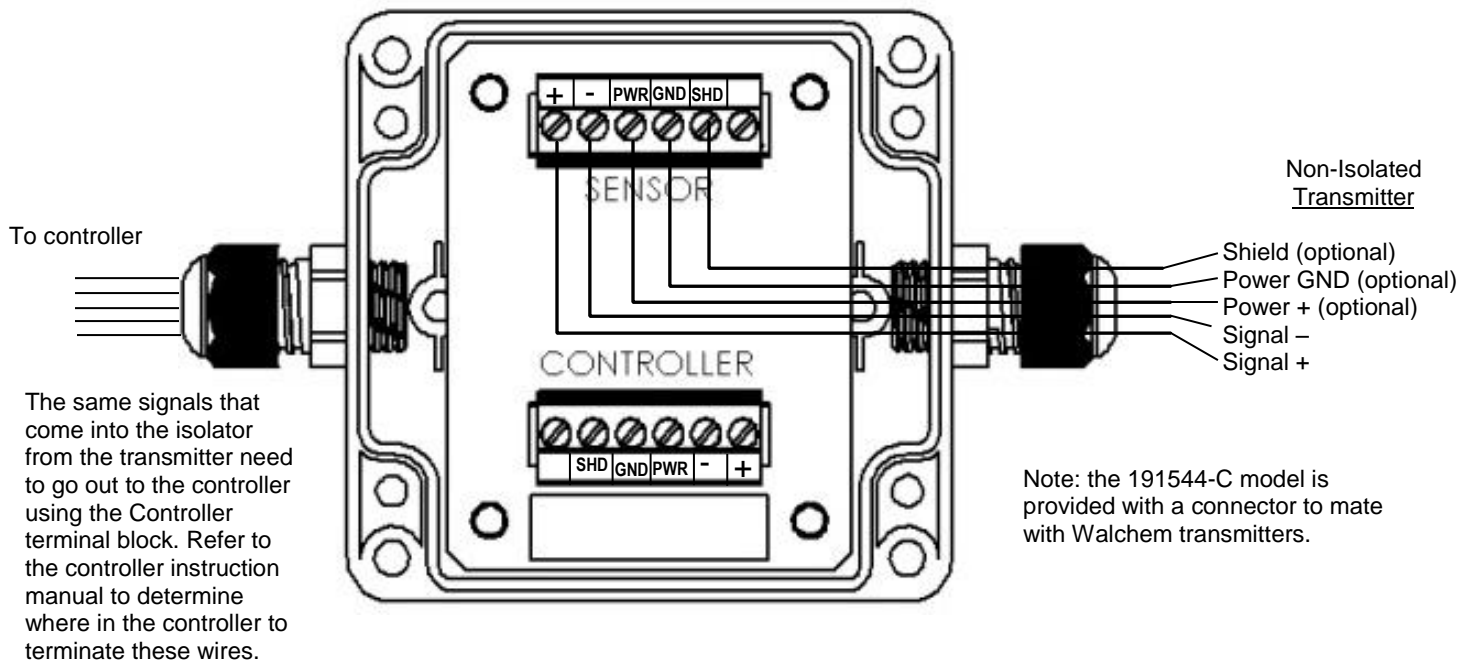
## 191544 ISOLATOR INSTRUCTIONS

### INTRODUCTION

The 191544 Isolator is used to provide an isolated 4-20 mA signal to Walchem controllers when the transmitters connected are non-isolated. This device works with two, three or four wire transmitters, whether the loop is externally or internally powered. It will not work with two-wire loop powered transmitters (where the only power to the transmitter is provided by the 4-20 mA loop).

### WIRING

Feed your cables through the cable glands. Strip back the individual wires of each cable by 0.25 inches (0.635 cm) and terminate the wires as shown below.



### SPECIFICATIONS

Nominal Input Resistance	250 ohms
Operating Range – Input	0-40 mA (Damage can occur at more than 40 mA)
Operating Range - Output	0-40 mA
Signal Input Voltage Range	7.5-32 VDC
Maximum Loop Impedance	750 ohms
Operating Temperature	0-80 °C (32-176 °F)
Maximum Isolation	3000 VDC