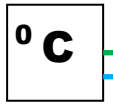
T5020 wiring Diagram. This shows all connections for Standard Tank Gauge set-up.

Drawing Number T5020-2019-STD-+R5

VIEW FROM BACK OF CIRCUIT BOARD

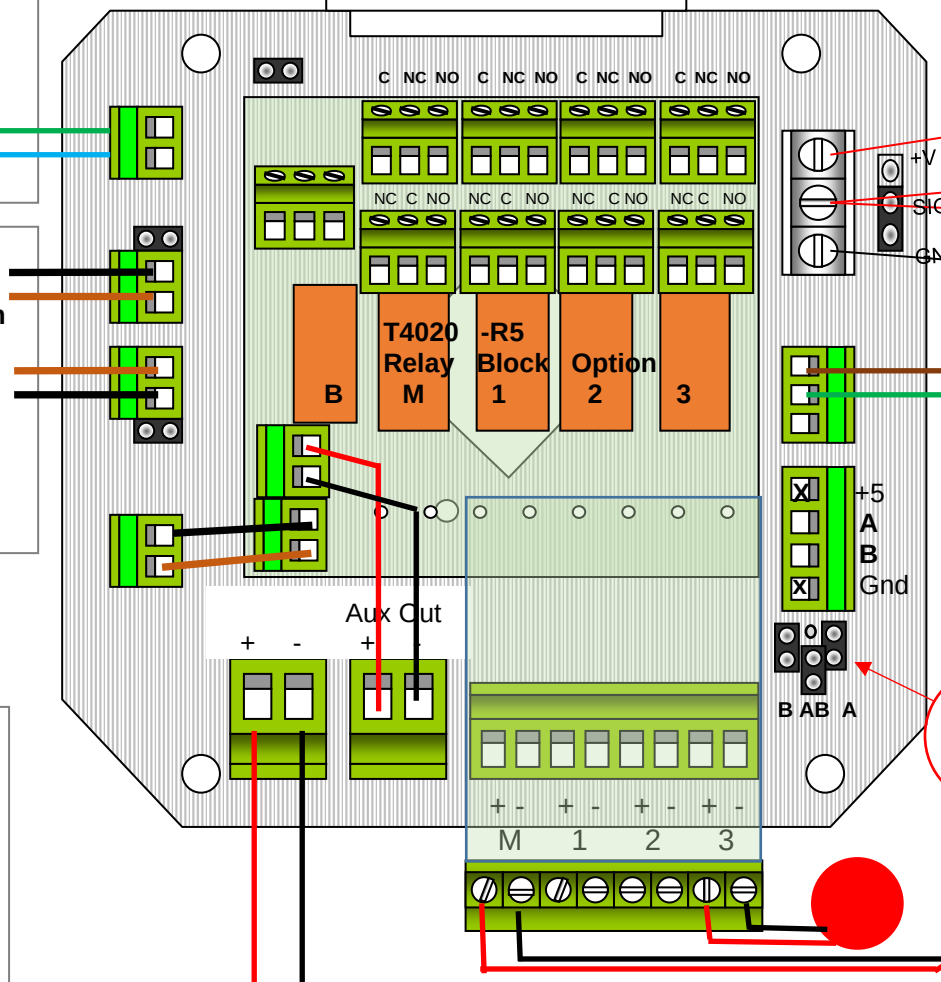
TEMPERATURE sensor input "TP"

.
This is a Thermistor Circuit and only OLE Sensors should be used

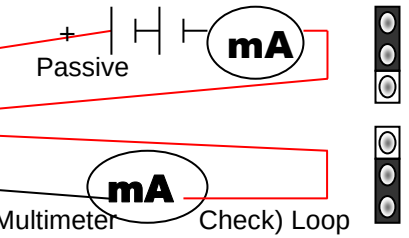


H Alarm is an input for a mechanical High or Low T4020-B6 Alarm.
Also used for T4020-B2 Water bottom sensors (Fit Jumper for this Option)

B Alarm is an input for a mechanical float switch **Bund** or **water Bottom** Alarm. Set NC, (normally closed)**.**
(Fit Jumper for this Option) T4020-B8



OUTPUT Analogue 4-20 milliamp.
Passive = Externally Powered
Loop = Powered by T4020

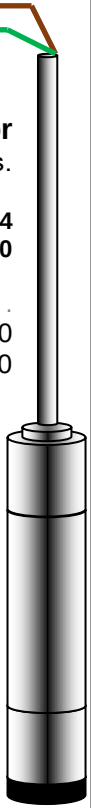


Terminating Resistors. Some multiple linked Modbus networks require termination resistors. As standard these are left as AA and BB jumpers fitted. There may be a need to change to AB only as shown in the example.

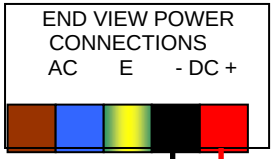
For Tank Sensor
… wire like this.

T4020-A12-A14
A16, A18, A20

See additional wiring diagram .
T4020-A21- A30
& B21-B30



MAINS POWER SUPPLY.
Units are supplied with either 24vdc direct connection, or 100/240 Vac power supply.



Power supply connections can be made by REMOVING the mounting bracket screws temporarily.
UP to 6 T4020 Gauges can be powered from one power supply. T4020-EG

Optional 12-24vdc Client supplied power connection

Alarms. Outputs when activated provide Supply voltage (24vdc) on the lower terminals and Volt Free SPDT on the top terminals C, NO, NC
M = Master Alarm, set 95% Rising, and can be acknowledged from the front panel.
B (Bund or Water Bottom) alarm also acknowledged here.
1 = 85% Rising (Same as M but not Acknowledgeable
2 = 25% Falling.
3 = 15% Falling as standard (LED Connected here)
These are Factory set on request OR with the Configuration Kit / lead by the user.