

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

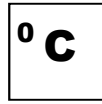
Drawing Number T5020-2016-STD-+R5



VIEW FROM BACK OF CIRCUIT BOARD

TEMPERATURE sensor input "TP"

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

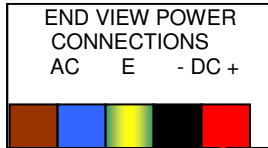


H Alarm is an input for a mechanical High or Low T4020-B6 Alarm.
Also used for T4020-B2 Water bottom sensors (Fit Jumper for this Option)

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

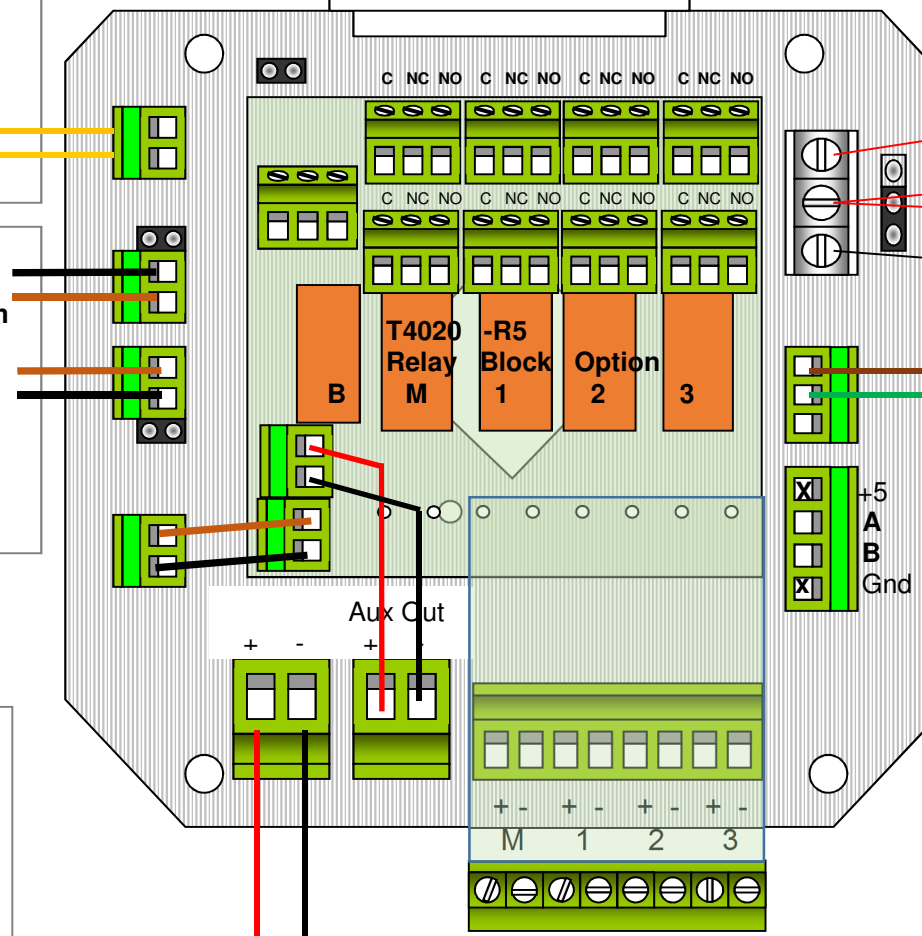
MAINS POWER SUPPLY.

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

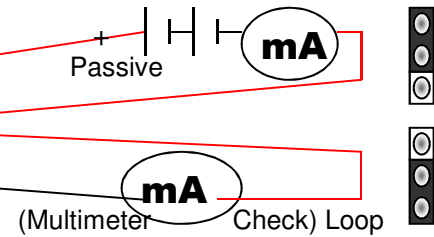


Power supply connections can be made by REMOVING the mounting bracket screws temporarily.
 UP to 6 T4020 Gauges can be powered from one power supply. T4020-EG

Optional 12-24vdc Client supplied power connection



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

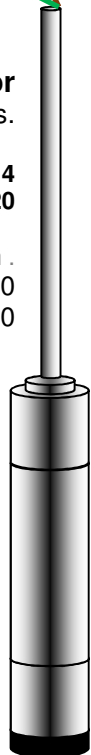


For Tank Sensor
 ... wire like this.

T4020-A12-A14
A16, A18, A20

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

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
 These are Factory set on request OR with the Configuration Kit / lead by the user.



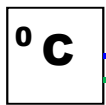
T5020 wiring Diagram. This shows all connections for Standard Tank Gauge set-up.

A12 , A14, A16 Sensors 2016 JUNE

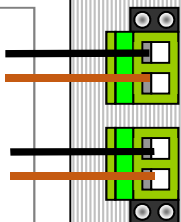


VIEW FROM BACK OF CIRCUIT BOARD

TEMPERATURE sensor input
From May 2016 Temperature Tank sensor "TP" is required for product measurement.
This is a Thermistor Circuit and only OLE Sensors should be used

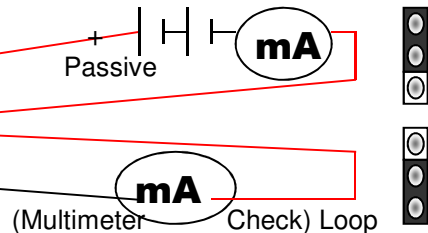


H Alarm is an input for a mechanical High or Low "B8" Alarm.
Also used for "B2" Water bottom sensors (Fit Jumper for this Option)



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

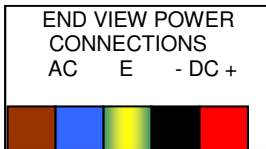
OUTPUT Analogue 4-20 milliamp.
Passive = Externally Powered
Loop = Powered by T4020



Brown = +V
Green = SIG

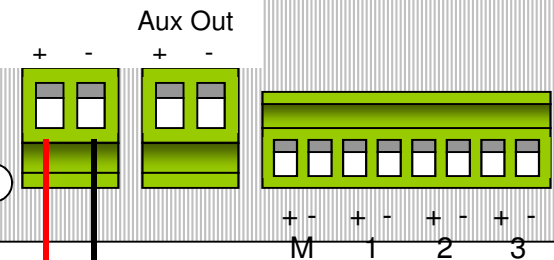
For Standard Sensor
A12 = 3 meters
A14 = 5 meters
A16 = 10 meters
(white wire is not used)

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



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Optional 12-24vdc Client supplied power connection



Alarms. Outputs provide Supply voltage (12 or 24vdc) when activated.
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See additional wiring diagram Eex.

