

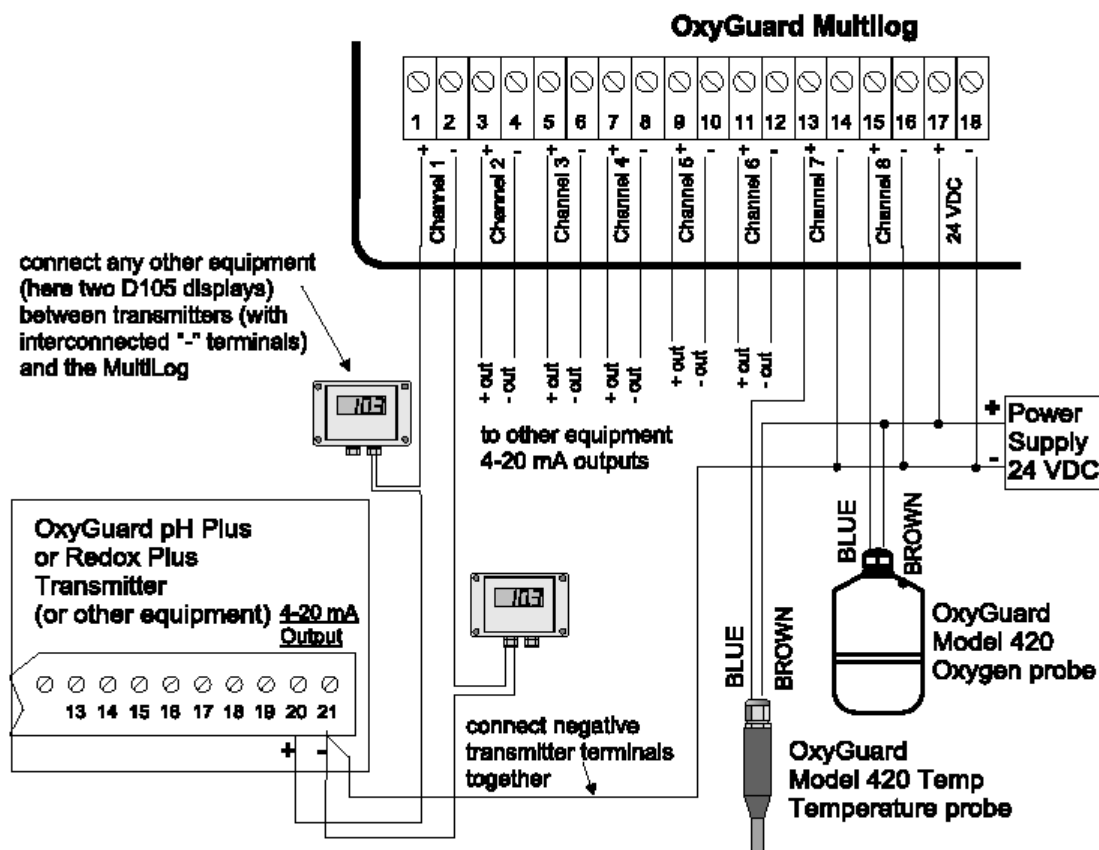
to equipment other than OxyGuard Multi Channel Systems

The OxyGuard MultiLog can be connected to any equipment with a 4-20 or 0-20 mA output signal. To avoid problems the differential input version must be used. When using more than one measurement system the negative (return) terminals of the various system transmitters must be connected together (at the transmitters). The differential input MultiLog has 5 ohm input resistors that convert the input currents to voltages of up to 0.1 volt.

The MultiLog differential version must be supplied with 24 VDC to terminals 17 (+) and 18 (-).

The following example shows how various types of equipment can be connected. Any combination of inputs can be used, as long as the MultiLog is configured accordingly - see the manual.

The MultiLog must be scaled to suit each input, as described in the MultiLog manual. Note that when using 4-20 mA inputs the "Min Scale" value will be negative, since it is the (fictive) value that would be represented by 0 mA. An example: if the 4-20 mA represents 0-100 units, then "min Scale" will be -25 units and "Max Scale" will be 100 units.



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