

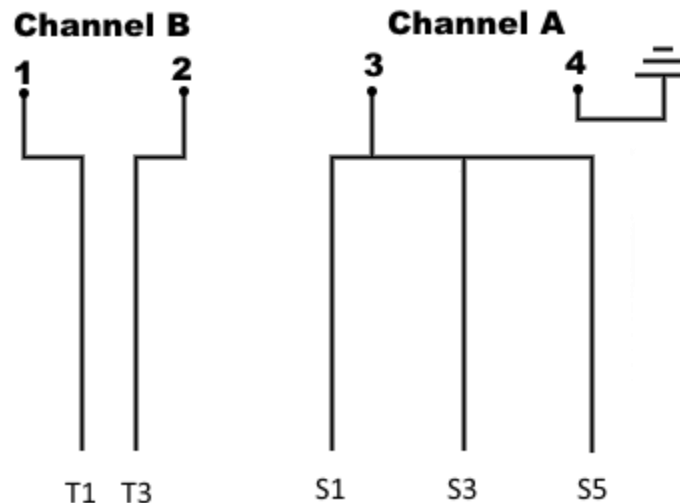
ABSTRACT

Many HOMA pump models are fitted with multiple leak detector sensors throughout the motor. These are typically located in the seal chamber, motor housing, and junction box. When using a 1-wire circuit, these additional sensors can be easily wired in parallel with the seal chamber sensor.

In the example provided below, multiple sensors are wired to a HOMA Go Switch model GS1050.

PROCEDURE

Connect the leads from the control cable(s) following the diagram shown below. Multiple probe leads will be attached to a single terminal in parallel.



In this example S1, S3, and S5 are all connected to Terminal 3 on Channel A of the relay. Terminal 4 is wired to the Common Ground / Pump Safety Ground location. Because S3 & S4 are located in the same chamber, S4 is not used.

Motor thermal protection T1 & T3 is shown wired to Terminal 1 and Terminal 2 respectively on Channel B.

Please contact your local HOMA representative or the factory for other sensor wiring options.