

IMPORTANT! READ THIS FIRST BEFORE COMMENCING INSTALLATION

MULTI-MAGIC SUPPLY DUCT SENSOR INSTALLATION

This sensor measures the air temperature and relative humidity inside ducts. It is intended for use with a compatible CW-80 or CW-H cooler.

Input Range

- Temperature: 0-10V = 0-50°C / 32-122°F
- Relative Humidity: 0-10V = 0-100%

Recommended Cable Specification

The sensor requires 24VDC power and 2 signal wires.

- Instrumentation Cable with 4x 0.5mm² (AWG 20) conductors;
- Always route communication cables at least 300mm (12") away from high voltage cables and high-power machines.
- Crossover high power cables at right angles.

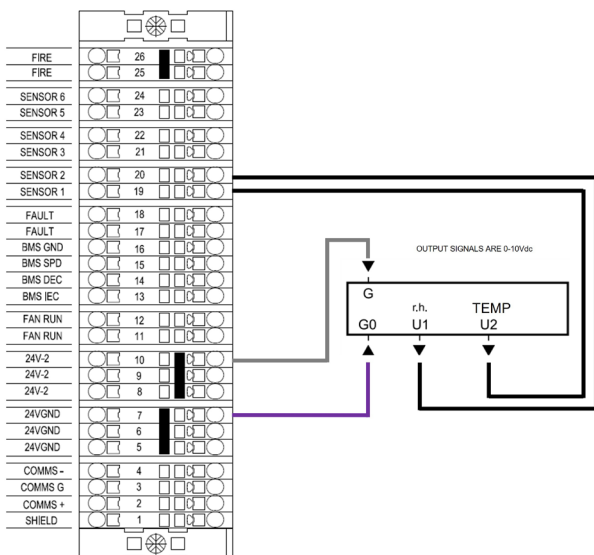
24VDC power can be supplied by the cooler (as shown) or a separate power supply (not included).

Cooler Input Terminals

Compatible CW-80 or CW-H coolers have a series of sensor input channels, configured in pairs and labelled S1/S2, S3/S4 (CW-H and CW-80) and S5/S6 (CW-80 only).

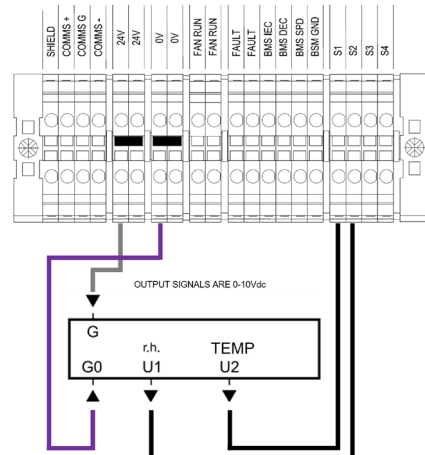
Always setup up the first channel (S1, S3 or S5) for temperature, and the second channel (S2, S4 or S6) for relative humidity.

EXAMPLE CW-80 FITMENT



ILL3866

EXAMPLE CW-H FITMENT



ILL3778

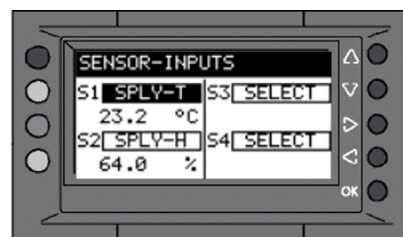
CONNECTING

After installation, use the LEFT/RIGHT buttons to navigate to the SENSORS screen on the cooler PLC screen.

Highlight the first sensor input channel for the connected sensor (S1, S3 or S5). Press OK and use the DOWN button to select SPLY-T. Press OK to confirm. SPLY-H will automatically be selected for the second sensor input channel (S2, S4 or S6).

Check the Temperature and R/H values on cooler PLC screen are present and correct.

Units can be changed between °C and °F in the PLC settings.



ILL3970

Warranty Service Australia
1300 650 644

For outside Australia contact your local dealer.

seeleyinternational.com

It is the policy of Seeley International to introduce continual product improvement. Accordingly, specifications are subject to change without notice. Please consult with your dealer to confirm the specifications of the model selected.