The Digihelic® II Controller just got better with the New Series DHII Differential Pressure Controller. The DHII takes all the fabulous features of the standard Digihelic® Pressure Controller and packages them in a robust NEMA 4 (IP66) housing.

The Digihelic® II Pressure Controller combines the 2 SPDT control relays, 4-20 mA process output and Modbus® communications with a large, brightly backlit 4 digit LCD display that can easily be seen from long distances. The electrical wiring has also been enhanced in the DHII with its detachable terminal blocks. The removable terminals allow the installer to easily wire the terminal block outside the housing and then attach to the circuit board, reducing wiring difficulties and installation time in the process.

The Digihelic® II Differential Pressure Control in the new NEMA 4 (IP66) enclosure enables this product to be the perfect choice when mounting pressure controls outdoors in such applications as rooftop air handlers. This housing also makes it the ideal solution for surface mounting in clean rooms or facilities where water or a cleaning solution is utilized in maintaining plant cleanliness.

Zero & Span Adjustments: Accessible via menus.
Response Time: 250 ms (damping set to 1).
Display: 4 digit backlit LCD 0.6” height. LED indicators for set point and alarm status.
Electrical Connections: Euro type removable terminal blocks with wettight conduit fittings for 1/2” wettight conduit.
Process Connections: 1/8” female NPT.
Enclosure Rating: Designed to meet NEMA 4 (IP66).
Mounting Orientation: Mount unit in horizontal plane.
Size: 4.73" x 4.73" x 3.43" (120 mm x 120 mm x 87.1 mm).
Weight: 2 lb 10 oz (1.19 kg).
Serial Communications: Modbus® RTU, RS485, 9600 baud.
Agency Approvals: CE, UL.

### SWITCH SPECIFICATIONS

Switch Type: 2 SPDT relays.
Electrical Rating: 8 amps at 240 VAC resistive.
Set Point Adjustment: Adjustable via keypad on face.

### Available Pressure Engineering Units

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<th>Model</th>
<th>in wc</th>
<th>ft wc</th>
<th>mm wc</th>
<th>cm wc</th>
<th>psi</th>
<th>in Hg</th>
<th>mm Hg</th>
<th>mbar</th>
<th>Pa</th>
<th>kPa</th>
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Bi-Directional® Ranges also available: DHII-012, Range: 0.25 - 0.25” w.c.
DHII-014, Range: 1.0 - 1.0” w.c.
DHII-015, Range: 2.5 - 2.5” w.c.
DHII-016, Range: 5.0 - 5.0” w.c.
DHII-017, Range: 10.0 - 10.0” w.c.

*Velocity and volumetric flow not available on bi-directional range units and models DHII-009 & DHII-010.

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