

# **801 Series Digital Modulator**

## **Installation Instructions**

### **Eberspächer Airtronic Heater**



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## 801 Series Digital Modulator Installation Instructions

### Part Number

<b>801 10 001</b>	AIRTRONIC D2 / D4 / D5 heaters only. 1 hour run time.
<b>801 10 003</b>	AIRTRONIC D2 / D4 / D5 heaters only.

### Installing the Digital Modulator

- Cut out the template and position it.
- Drill the three 7.5mm dia. holes.
- Route cable loom of Modulator through cable entry hole.
- Fit the Digital Modulator by gently pushing into mounting holes.

## Connecting the Digital Modulator

### Part Number

**801 10 001 / 801 10 003**

Connect the cables to the 6-way housing supplied with the Digital Modulator as follows:

Red cable	Connect to pin 1	BAT +
Yellow cable	Connect to pin 2	ON +
Brown cable **	Connect to pin 3	** ECU -
Grey/Red cable	Connect to pin 4	MOD $\Omega$
Grey cable *	Connect to pin 5	* $\Omega$
Blue/White cable	Connect to pin 6	DIAG

\* The grey cable is an optional connection for external heater air sensing, see heater technical description manual.

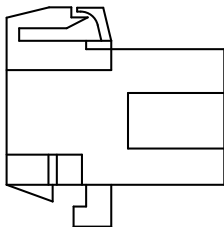
\*\* The brown Digital Modulator cable must be connected to the heater brown/white (ECU-) cable.

## Mounting Position

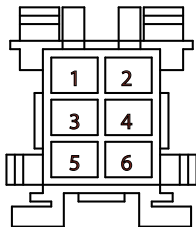
Ensure the Modulator is not installed in a position which could effect the sensor reading i.e. In direct sunlight, draughts, etc.

## 6-way Junior Power Timer Tab Housing

Tab terminals 2.8mm



Side View

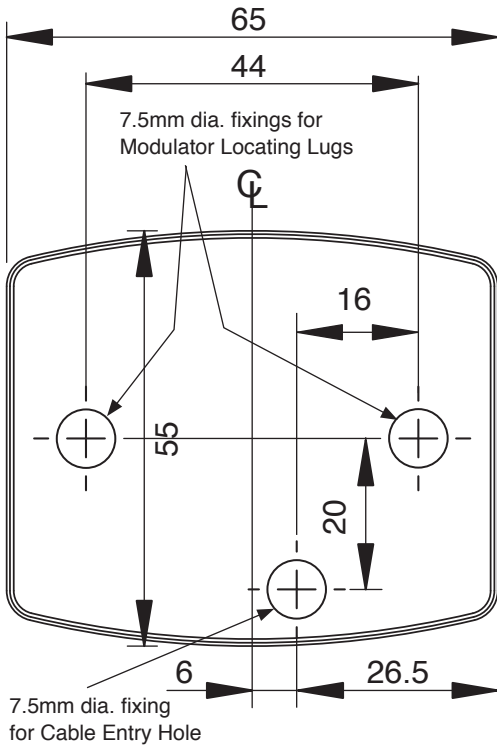


Cable Entry View

## Full Size Drilling Template (see next page)

Up to 8mm thickness (Over 8mm thickness use **optional** mounting plate part number 190489).

Viewed from the front of the Modulator.







## 801 Series Digital Modulator Installation Instructions

### Part Number

<b>801 10 101</b>	AIRTRONIC D2 / D4 / D5 heaters only + housing. 1 hour run time.
<b>801 10 103</b>	AIRTRONIC D2 / D4 / D5 heaters only + housing.

### Installing the Digital Modulator

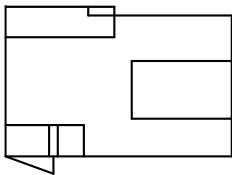
- Cut out the template and position it.
- Drill two 7.5mm dia. holes.
- Drill 26mm dia. hole for cable / connector housing.
- Route cable loom of Modulator through cable entry hole.
- Fit the Digital Modulator by gently pushing into mounting holes.

## Mounting Position

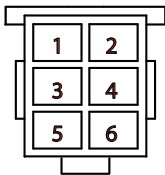
Ensure the Modulator is not installed in a position which could effect the sensor reading i.e. In direct sunlight, draughts, etc.

## 6-way Junior Power Timer Tab Housing

Tab terminals 2.8mm



Side View

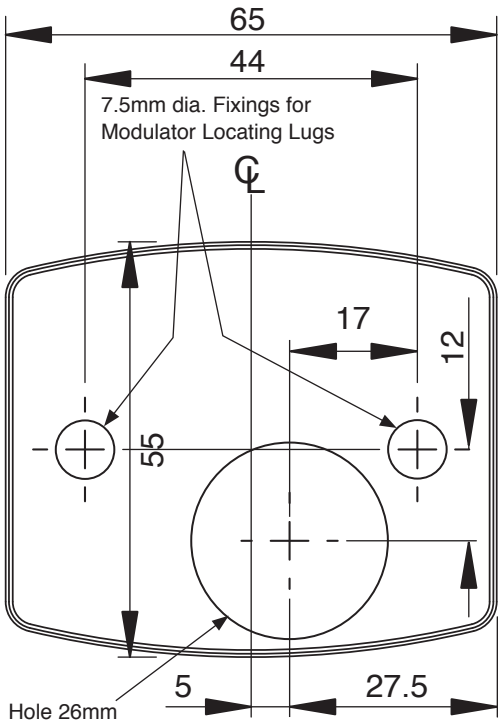


Cable Entry View

## Full Size Drilling Template (see next page)

Up to 8mm thickness (Over 8mm thickness use **optional** mounting plate part number 190489).

Viewed from the front of the Modulator.



Hole 26mm (min. 1") dia. Required



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