



## WBX (Washbox)

This optional plug in module makes the Sema MPC (Milk Pump Controller) compatible with the Waikato automated wash system.

Please note that this module requires special software to be installed in the Sema MPC. If the MPC and the WBX are ordered at the same time then the appropriate software will automatically be installed by us. If, on the other hand, this module is going to be fitted to an existing unit then it will have to be returned to us to have the software installed.

Please note also that having the software installed for the WBX makes the MPC incompatible with the wireless remote module.

*The WBX module is in a waterproof plastic box. Please note that the prototype unit is shown here and the actual appearance of your unit may be different. There is a single cable which comes out of the unit through a waterproof gland, this connects to the MPC. The standard length of the connecting cable is 1.5M but any length up to 100M can be supplied on request.*



*The connecting cable plugs into the MPC's expansion socket which is located to the left of the green control terminal strip inside the terminal cover of the MPC.*

***Inside the WBX there are 14 terminals. These have exactly the same functionality as the Waikato Milk Pump Controllers wash system. The connections to these terminals are shown below.***

<b><i>Description</i></b>	<b><i>Terminal no.</i></b>
External 0V supply (-24 VDC)	<b>1</b>
External +24VDC Supply	<b>2</b>
Air Injector 0V	<b>3</b>
Air Injector +24VDC	<b>4</b>
Valve Linear Actuator 0V	<b>5</b>
Valve Linear Actuator +24VDC	<b>6</b>
Cooling Pump Contactor Coil 0V	<b>7</b>
Cooling Pump Contactor Coil +24VDC	<b>8</b>
Remote Wash Switch	<b>9</b>
Remote Wash Switch	<b>10</b>
Wash Pulsator 0V	<b>11</b>
Wash Pulsator +24VDC	<b>12</b>
Remote Pump Out	<b>13</b>
Remote Pump Out	<b>14</b>