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<b>Product</b>	Imoticon ID700

<b>Title</b>	Imoticon ID700 Changing the functionality of the digital inputs
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<b>Summary</b>	This document gives information on changing the functionality of the digital inputs on the Imoticon ID700
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**NOTE:** Please read this document in conjunction with the Imoticon ID700 Easy Start Guide and ID700 Advanced User Guide.

As default, the digital inputs on the ID700 are set up as follows:

**P00.14 = 0**

- DI 1 = Run forward
- DI 2 = Run reverse
- DI 3 = Jog
- DI 4 = Preset speed 1 select
- DI 5 = No function
- DI 6 = Enable
- DI 7 = Reset

Parameter P00.14 allows automatic configuration of the digital inputs as follows:

**P00.14 = 1**

- DI 1 = Stop (momentary)
- DI 2 = Run forward (momentary)
- DI 3 = Run reverse (momentary)
- DI 4 = Preset speed 1 select
- DI 5 = No function
- DI 6 = Enable
- DI 7 = Reset

Parameter P00.14 allows automatic configuration of the digital inputs as follows:

**P00.14 = 2**

DI 1 = Run (momentary)

DI 2 = Stop (momentary)

DI 3 = Forward/Reverse

DI 4 = Preset speed 1 select

DI 5 = No function

DI 6 = Enable

DI 7 = Reset

If different functionality is required, this can be changed in Group 9 parameters. This is done accessing the advance menus (set P00.23 = 1) and then by changing the function parameter of the digital input to the required function

Terminal	Function parameter	Default function (P00.14 = 0)
DI 1	09.02	<b>3</b> (Run forward)
DI 2	09.03	<b>4</b> (Run reverse)
DI 3	09.04	<b>7</b> (Jog forward)
DI 4	09.05	<b>99</b> (Advanced function) Preset speed 1
DI 5	09.06	<b>19</b> (No function)
DI 6	09.07	<b>10</b> (Enable)
DI 7	09.08	<b>11</b> (Reset)

The following functions can be selected:

Setting	Function	Advanced parameter
0	Preset select bit 0	P01.15
1	Preset select bit 1	P01.16
2	Run	P03.02
3	Run forward	P03.22
4	Run reverse	P03.23
5	3-wire enable	P03.21
6	Forward/Reverse	P03.24
7	Jog forward	P03.25
8	UP	P02.30
9	DOWN	P02.31
10	Enable	P03.19
11	Reset	P12.15
12	Select terminal control	P10.17
13	Reset length counting	P14.18
14	Reset number counting	P14.19

Setting	Function	Advanced parameter
15	External trip	P12.14
16	Preset select bit 2	P01.17
17	Preset select bit 3	P01.18
18	PLC reset indicator	P04.55
19	OFF – no function	N/A
99	Advanced setting	N/A

**Note:** The above are for V2.08 control software

Setting	Function	Advanced parameter
0	Preset select bit 0	P01.15
1	Preset select bit 1	P01.16
2	Run	P03.02
3	Run forward	P03.22
4	Run reverse	P03.23
5	3-wire enable	P03.21
6	Forward/Reverse	P03.24
7	Jog forward	P03.25
8	UP	P02.30
9	DOWN	P02.31
10	Enable	P03.19
11	Reset	P12.15
12	Select terminal control	P10.17
13	Reset length counting	P14.18
14	Reset number counting	P14.19
15	External trip	P12.14
16	OFF – no function	N/A
99	Advanced setting	N/A

**Note:** The above are for V2.06 control software

The digital inputs can be assigned to any un-protected bit parameter.

An un-protected bit parameter can be assigned to a digital input:

Set **P09.01 = 1**

The advanced parameter number assigned to a specific terminal will become visible.

Change this advanced parameter to the desired non-protected bit parameter number.