

Digital I/O Loop-back Plug



Description

Mecmesin's -i and -xt test stands have the facility for six digital inputs and six digital outputs that can be used to integrate the test stand with programmable logic controllers (PLCs) or other equipment.

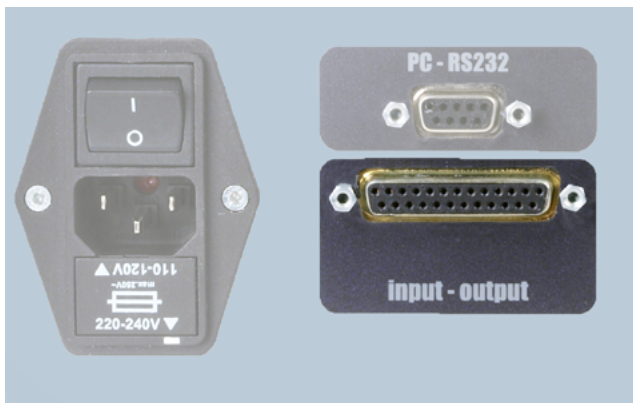
The 25-pin Digital I/O Loop-back Plug is inserted into the I/O port of any Mecmesin -i or -xt test stand using Emperor™ control software. By virtue of directly routing digital outputs to inputs, it allows the system user to create test programs with an added layer of sophistication.

This is particularly useful for:

- Tests involving many cycles, where only selective data are required. By using 'stop acquisition' and 'start acquisition' commands within Emperor™ programs, it easily permits a long-duration test to be performed but data only to be logged for the pertinent cycles you wish to see.
- Conducting a test routine repeatedly on the same specimen without having to be physically present to press the 'start' button to launch each separate test. Data is collected and presented as separate samples allowing the user to clearly view and report on specimen performance over time.

Specification

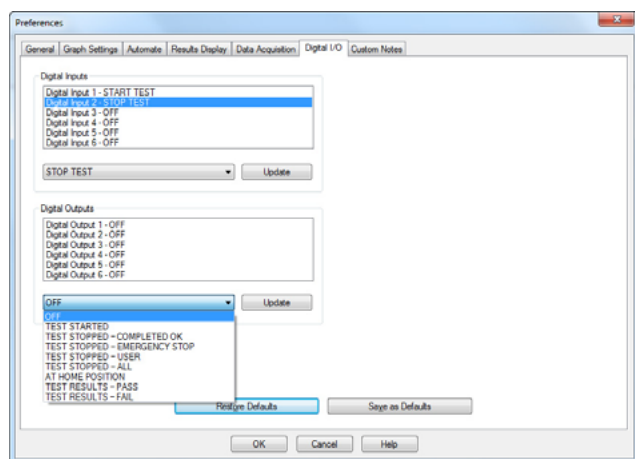
Part no.	Description
432-663	Digital I/O Loop-back plug (allows multi-function programming in Emperor™ software)



Digital I/O port on the rear panel of a test stand



Rear panel with Digital I/O Loop-back Plug inserted

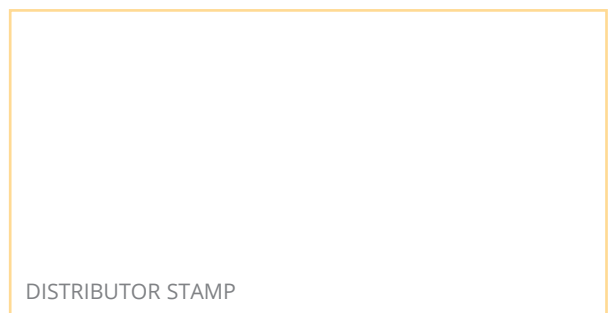


Digital Inputs, Outputs and Action assignment in Emperor™



FS 58553

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DISTRIBUTOR STAMP

Mecmesin reserves the right to alter equipment specifications without prior notice.
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