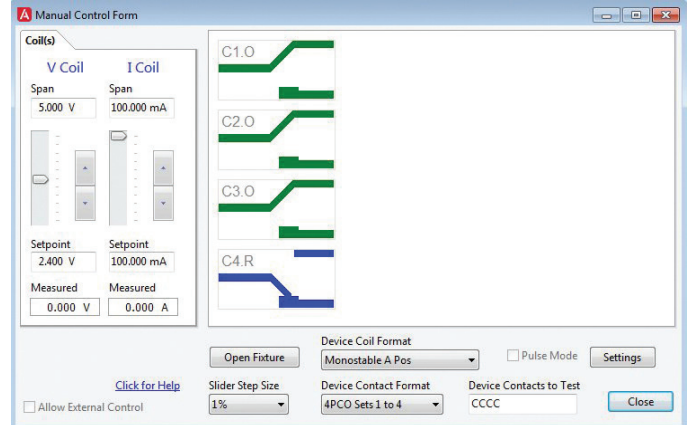


## TF10-POT – MANUAL COIL CONTROL

Fixturing



The TF10-POT allows an operator to manually adjust the relay coil voltage(s) when used in conjunction with the Manual Control test step on the Reflex 10, 10M or RT290 parametric relay test systems.

### Key Features

- Integrates with the Artworks relay test system software Manual Control Page
- Can be configured for Set or Reset coil operation
- Manual control page is automatically closed after adjustment using local switches to allow testing to continue
- Can be used in conjunction with ASY0700 contact load unit
- Compact, all metal construction - excellent electrical screening characteristics
- High quality switches and LED indicators for low maintenance
- Reversible base for left or right hand cable entry
- Reversible top allowing indicators and switches to be mounted on left or right hand side according to user preference

### Overview

The TF10-POT features a potentiometer to allow an operator to manually control a designated slider located on the ARTworks Manual Control Page. Turning the control clockwise raises the slider (thereby increasing the device coil voltage or current); conversely turning the control counter clockwise lowers the slider (decreasing the device coil voltage or current).

### Operator interface

The fixture also incorporates test PASS and FAIL indicators and TEST and RETEST switches. Note TEST and RETEST switches illuminate when the system has completed the test sequence and are extinguished whilst the test sequence is being executed.

The TEST switch has further use and that is to instruct the test system to continue the test sequence when the operator has finished using the manual control page.

Control potentiometer life	5,000,000 rotations
Type	linear
Linearity	2 %
Overall dimensions	155(W) x 106(D) x 47(H) (6.1" x 4.2" x 1.9")
Weight	0.7 kg (1.4 lb)
Colour	BS 4800 00A01 (top), BS 4800 00A05 (base)

Scan for Website:

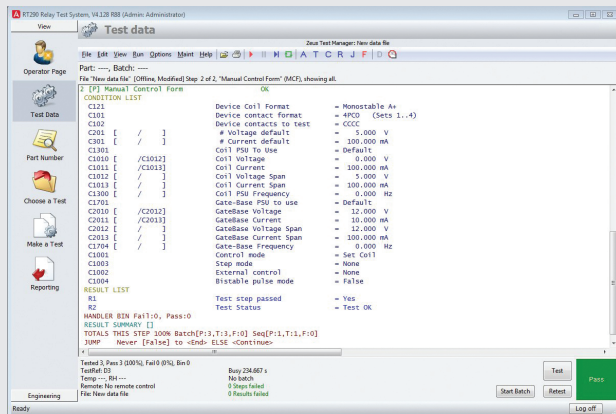


## Product Features

### Manual control form

This test type causes the Manual Control Form to open with parameters as set by conditions in this test step. It permits viewing or adjusting relay device contacts from within a test sequence. The PDF test step (which displays a PDF file) can be used together with manual control form test step to allow an operator with adjustment information and to prevent the adjustment whilst the information is displayed. The following conditions can be automatically pre-set for use with the TF10-POT when using this form:

- Current / Voltage control selection
- Current / Voltage span
- Current / Voltage presets when page opens



Example: Manual control form test step

### Indicators and switches

Two indicators are provided to show PASS / FAIL status. The TEST and RE-TEST switches are also illuminated to indicate system idle / busy status.

### Low maintenance

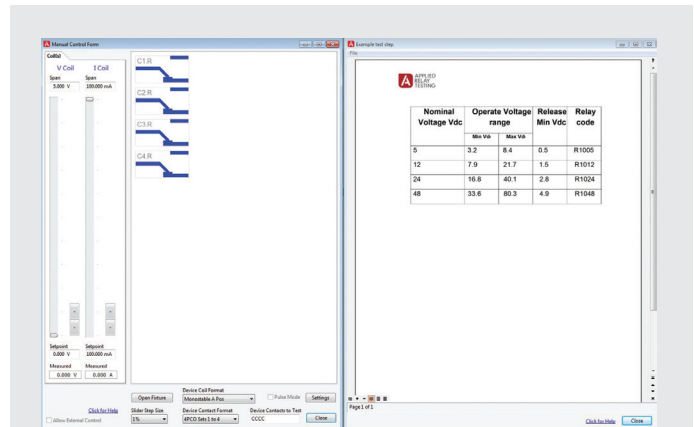
High quality switches and sturdy all-steel construction ensure maximum durability. All indicators use LEDs for high MTBF. Rubber feet prevent damage to work surface and reduce slipping.

### Interchangeable legends

A simple cover plate retains a legend which can be customised, for example, to indicate device type and polarisation. The indicator and switch legends can also be changed for alternative languages or functionality.

### Compatibility

The TF10-POT may be used in conjunction with the Reflex and RT290 parametric relay test systems. The unit may also be used with the ASY0700 contact load unit module. Note that some systems may require an upgrade for TF10-POT compatibility, please contact ART for more information.



Example: View of manual control plus PDF data sheet

### Signal quality

The earth bonded all-steel construction provides a high level of screening. Additionally all analogue signals are fully screened to optimise signal quality in electrically noisy environments.

### Flexible cable entry

The cable entry grommet is designed to work over a large range of cable diameters.

### Ergonomic design

Fully adjustable for left or right handed use. The standard build has the switches to the left of the device socket, please specify if non standard assembly is required.



See also: TF10 Kelvin test fixture