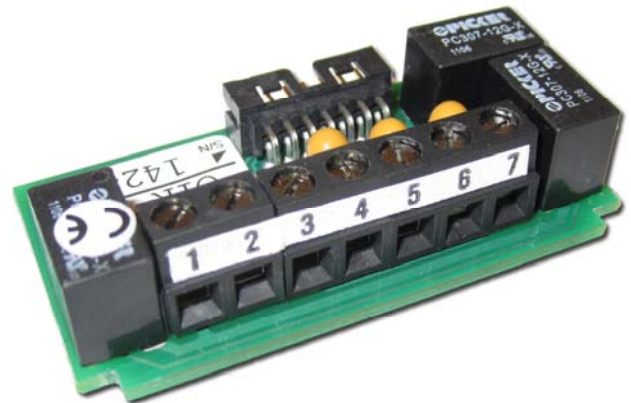**FLOMATIC® VALVES**

Flomatic Smart Card™
Model FOTR-100 (Signal Output Option Module)
Specification & Connection

The Flomatic FOTR-100 Option Module is specifically designed for use with the Flomatic FDHC Series Smart Cards. The module provides an output signal that can be scaled to any range from 0 to 20mA (for the current output) or from 0 to 10V (for the voltage output). The FOTR-100 also has three relay contact outputs that can be used to drive alarm devices or provide process limit switches.

When plugged into a Flomatic FDHC Smart Card (see below), the current or voltage output is easily calibrated to any desired current or voltage range. The FDHC Smart Card's Configuration & Operation manual describes the function and calibration of the output signal and relay contacts.

SPECIFICATIONS

CURRENT OUTPUT
0 to 20mA @ 8VDC or 400Ω maximum
Resolution: 0.0031mA

VOLTAGE OUTPUT
0 to 10VDC @ 10mA maximum
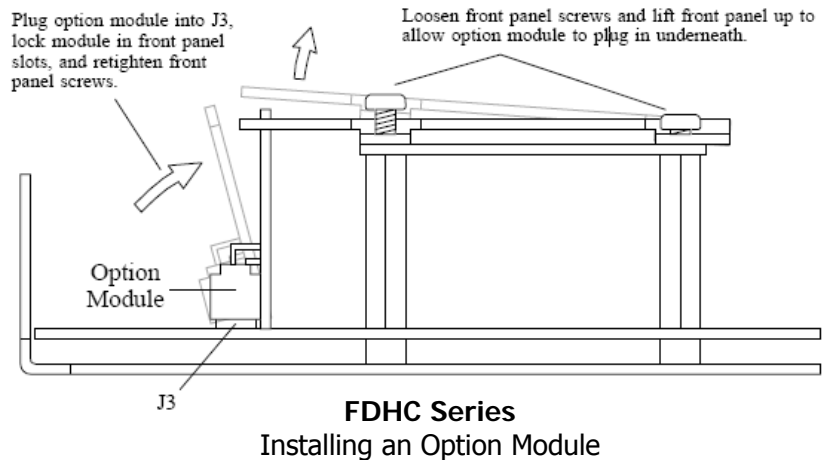Resolution: 0.0016VDC

RELAY OUTPUTS
Switch Contact Type: SPST
Contact Rating (non-inductive):
1A @ 24VDC / 0.5A @ 125VAC

ENVIRONMENTAL
Operating Temperature: 0 to 60 °C
Storage Temperature: -40 to 85 °C
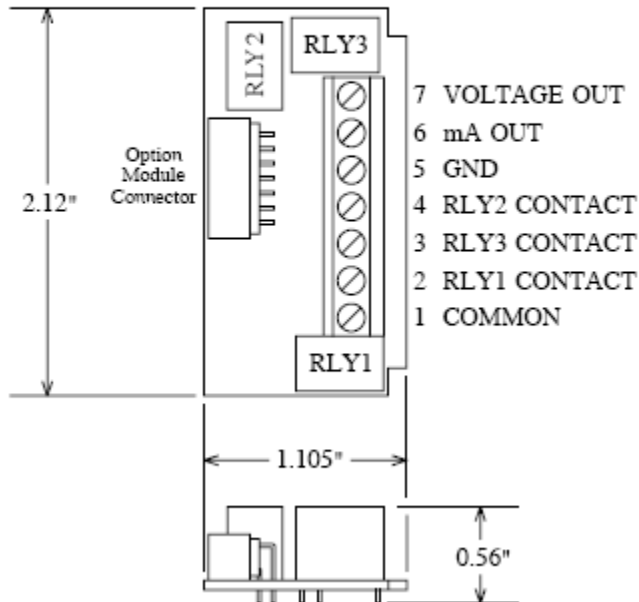Relative Humidity: 0 to 90 % (non-condensing)

CE CERTIFICATION
EN55011 (Class A RF Emission)
EN61000-4-2, EN61000-4-3, EN61000-4-4
EN61000-4-5, EN61000-4-6, EN61000-4-11

Plug option module into J3, lock module in front panel slots, and retighten front panel screws.

Loosen front panel screws and lift front panel up to allow option module to plug in underneath.

Option Module

J3

FDHC Series
Installing an Option Module

Flomatic Corporation
Glens Falls, NY 12801
Phone (518) 761-9797
Fax (518) 761-9798

FOTR-100 Specification & Connection. Rev 0
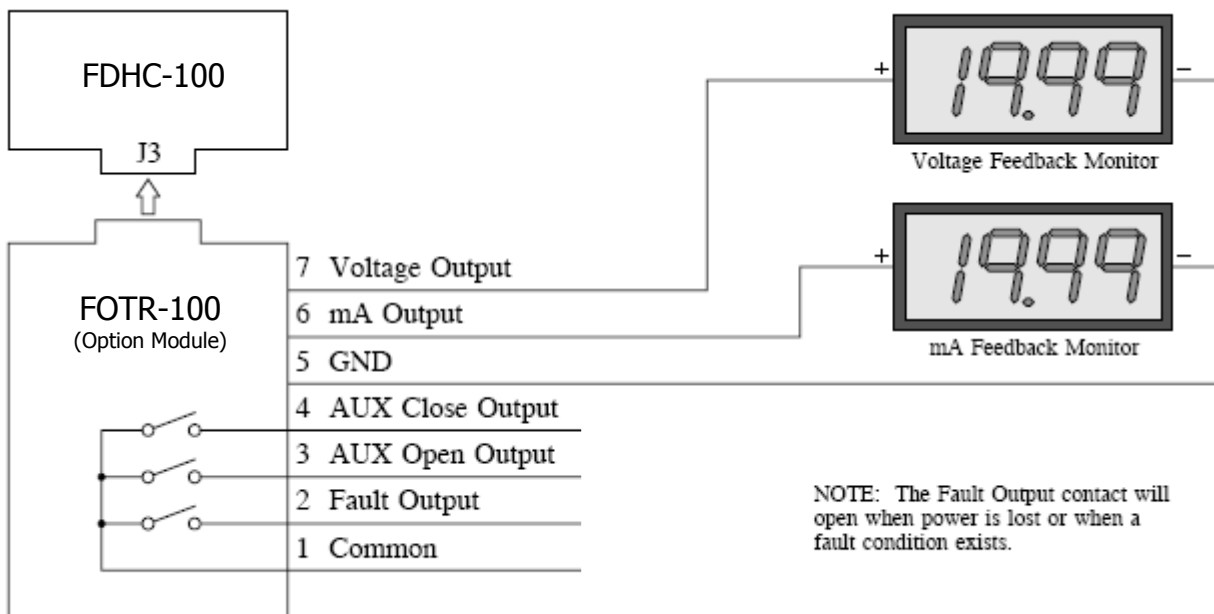September 10, 2010
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Flomatic Smart Card™
Model FOTR-100 (Signal Output Option Module)
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FLOMATIC® VALVES

FOTR-100 CE

TYPICAL APPLICATION

NOTE: The Fault Output contact will open when power is lost or when a fault condition exists.

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