# EPI2 Quarter-Turn Electric Actuator 

Base and OM1 Card

Base Card
EPI2 Quarter-Turn Electric Actuator


Note:
(*) Factory
RE-INSTALLATION: See VCIOM-02881 INSTALLATION AND MAINTENANCE INSTRUCTIONS. Not performing the following procedures wili invalidate the product warranty
NSTALLATION: To assemble the actuator onto the valve proceed as follows
Verify proper mounting hardware

[^0]With the handwheel, operate the actuator to verify it moves the valve smoot
he configuration must be done while the actuator is powered on. As a consequence, all configuration operations must be carried out by specifically qualified personnel for operations on
powered electronic cards. Hazardous voltages may be present. Before connecting power to the actuator, check that the voltages are correct and according to the nameplate data. Improper p
supply will cause permanent damage to the electrical components. Actuator configuration programming requires removal of the actuator cover. Refer to VCIOM-02881 IOM for instructions.

| Model | Nominal torque ( $\mathrm{Nm} / \mathrm{lb}$-ft) | Operating time (secs $90^{\circ}$ ) at selected step |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 8 | 6 | 4 |
| 063 | 63/46 | 15 | 28 | 48 |
| 125 | 125/92 | 15 | 28 | 48 |
| 250 | 250 / 184 | 15 | 28 | 48 |
| 500 | $500 / 369$ | 15 | 28 | 48 |
| 1000 | 1000 / 738 | 24 | 45 | 80 |
| 2000 | 2000/1475 | 53 | 100 | 180 |

## OM1 Card

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Table 2.

| SW7 |
| :--- |
| Description | Position Relays 0

Note:
${ }^{\text {*) }}$ ) Factory default data
PRE-INSTALLATION: See the BASE CARD procedure.
INSTALLATION: See the BASE CARD procedures.

## A WARNING

or complete Instruction \& Warning see the VCIOM-01494 INSTALLATION AND MAINTENANCEINSTRUCTIONS. HARDWARE configuration MUST be done with system OFF (NO power supply), SW3 and SW5 position in order to set the INPUT signal type. HARDWARE configuration (SW1/3/5/6): This configuration is an Hardware setting; 's mandatory to do it with power off (NO POWER SUPPLY)

Figure 3


|  | Output Signal |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SW1 |  |  |  |  |  |
|  | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{1}$ |  |
| $0-10 \mathrm{~V}$ | OFF | ON | ON | OFF | ON |  |
| $4-20 \mathrm{~mA}$ | ON | OFF | OFF | ON | OFF |  |


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## ORTH \& SOUTH AMERICA MIDDLE EAST \& AFRICA

| 19200 Northwest Freeway | P. O. Box 17033 |
| :--- | :--- |
| Houston TX 77065 | Jebel Ali Free Zo |

Houston TX 77065
USA
+1 2814774100
Av. Hollingsworth
25 lporanga Sorocab
razil
Brazil

ASIA PACIFIC
No. 9 Gul Road
\#01-02 Singapore 629361
T+65 67778211
No. 1 Lai Yuan Road
Wuqing Development Area
Tianjin 301700
P. R. China
T + 862282123300
P. O. Box 17033

Jebel Ali Free Zone
Dubai
T +971 48118100
P. O. Box 10305

Jubail 31961
T+966 33408650
24 Angus Crescent
Longmeadow Business Estate
East
硅
P16 Modderfontein Extension
T+27 114513700
EUROPE
Holland Fasor 6
Székesfehérvár 8000
Hungary

Strada Biffi 165
29017 Fiorenzuola d'Arda (PC)
orenzuola d'Arda (PC)
+39 0523944411

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[^0]:    Lubricate the valve stem with oil or grease to
    Clean the valve flate and
    Instll the valve flange and remove anything that might prevent a perfect adherence to the actuator flange and especially all traces of grease.
    Ensure actuator and valve are in so that the shaft out put drive enters the groove of the stem extension. This coupling must take place without forcing and only with the weight of the actuator

