## NEW PRODUCT



## FD SERIES

## $\square$ <br> Double icon illuminated actuator

$\square \quad$ Snap-in and threaded bushing models
$\square \quad$ Ideal for integrated designs


Operating temperatures: $-40^{\circ} \mathrm{C}$ to $+75^{\circ} \mathrm{C}$
$\square 3$ standard legends: 0/1, On/Off, Start/Stop
$\square \quad$ Large and lightweight


## OPTION SELECTION



|  | GENERAL SPECIFICATIONS |  |
| :--- | :---: | :--- |
| Operating temperature | - | $-40^{\circ} \mathrm{C}$ to $+75^{\circ} \mathrm{C}$ |
| Panel thickness (snap-in version) | - | $1.5(.059)$ to $2 \mathrm{~mm}(.078)$ with panel gasket |
| (threaded bushing version) | - | and $2(.078)$ to $2.5 \mathrm{~mm}(.885)$ without panel gasket |
| Mechanical lifecycle | - | $1(.039)$ to $18 \mathrm{~mm}(.708)$ max |
| Front panel sealing (snap-in version) | 1 million (momentary), 200,000 (latching) |  |
| (threaded bushing version) | - | IP54 according to IEC 60529 with panel gasket |
| Total travel | - | IP69K according to DIN 40050-9 |
| Typical operating force | - | $2.5 \mathrm{~mm} \pm 0.5 \mathrm{~mm}$ |
| Torque | - | $8 \mathrm{~N} \pm 2 \mathrm{~N}$ |
|  |  |  |


| ELECTRICAL SPECIFICATIONS |  |  |
| :---: | :---: | :---: |
| Current /voltage rating with resistive load | - | Silver contacts (code 2): 4A 12VDC |
|  | - | Gold plated contacts (code 4): 200mA 12 VDC |
| Initial contact resistance | - | $50 \mathrm{~m} \Omega$ max |
| Insulation resistance | - | $1 \mathrm{G} \Omega \mathrm{min}$ at 500VDC |
| Dielectric strength | - | 1,000 Vrms 50 Hz min |
| Electrical life | - | Gold plated contacts - 1 million cycles (momentary), <br> Silver contacts - 400,000 cycles <br> 200,000 cycles (latching) |



