SUBMITTAL SHEET

CIRCUIT ACTUATOR

Manifold Circuit Actuator - 8330 Series

Condition in absence of voltage Normally Closed NC.
First open function*
Valve working stroke 0.16” (4mm).
Class II dust protection.
Opening time at 77°F ≈ 3.5 minutes.
Working ambient temperature: 32°F - 140°F.
Storage ambient temperature: -13°F - 140°F.
Fluid temperature: 0°F - 212°F.
Mountable in any orientation.
Valve position indicator on top of valve casing.
Double insulated electrical enclosure.
Reliable thermo-electric operation.
Noiseless and maintenance-free.

Technical Data:
Supply voltage: 24VAC
Max Inrush current: <300mA (7.2VA) for 2 minutes max
Operating current: 1 Watt (1.0VA)
Opening/Closing time: approx 3.5 minutes

End Switch:
- Normally Open (NO)
- 24VAC, 0.5mA max
- Makes at about 50% of stroke

Wiring info:
- 24VAC Power - Yellow wires
- End switch - Red wires

MATERIAL SPECIFICATION

<table>
<thead>
<tr>
<th>PART</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Casing material</td>
<td>Flame retardant plastic</td>
</tr>
<tr>
<td>2 Valve release</td>
<td>Flame retardant plastic</td>
</tr>
<tr>
<td>3 Cable connection</td>
<td>Flame retardant plastic</td>
</tr>
<tr>
<td>4 Supply cable</td>
<td>4 wire 72” useful length</td>
</tr>
</tbody>
</table>

*With the First-Open Function, the actuator is shipped in the open position, even for the normally-closed actuator. This function makes installations easier, allowing fill and purge of the system without having to remove the actuator. The First-Open function is unlocked by applying power for more than 6 minutes.