# FLECK® NXT
## ADVANCED SYSTEM NETWORK CONTROLLER

ON-BOARD COMMUNICATION CAPABILITIES TO LINK MULTIPLE VALVES

MADE IN THE USA
OF FOREIGN & DOMESTIC PARTS



### FEATURES/BENEFITS

On-screen multilingual support: English, French, German, Portuguese, Spanish

Time of day super capacitor backup for power loss

2 line/ 16 character full text LCD backlit display

Left arrow button allows digit selecting in programming mode

Networks two to four valves via off-the-shelf CAT3, CAT5, or better cables

Field-configurable for all system types

LED Status indicator
- Blue: In service
- Flashing Blue: Regeneration Queued
- Green: Regeneration
- Flashing Green: Standby
- Red: Error with codes

Auxillary inputs and outputs
- Programmable relay output
- Programmable chemical pump output
- Remote lockout and regen input

Easy installation with plug-in wiring harnesses

Easy electronic programming

Diagnostics
- Current Flow Rate
- Peak Flow Rate (can be reset)
- Totalizer (can be reset)
- Hours between last two regenerations
- Hours Since Last Regeneration
- Volume Remaining (adjustable)
- Valve Address
- Software Version

### SYSTEM TYPE

System Type 4, 5, 6, 7, 9, 14

### VALVE TYPE

2750
2850s
2850
2900s
3150
3900
7000 (excludes system 14)

## SPECIFICATIONS

| SYSTEM | SYSTEM DESCRIPTION | NUMBER OF TANKS/CONTROLS | TYPE |
|---|---|---|---|
| 4 | Single Unit | 1 | Time Clock: No Meter<br>Immediate: One Meter<br>Delayed: One Meter<br>Remote: No Meter |
| 5 | Interlocked | 2, 3, or 4 | Immediate: All Meters<br>Remote: No Meter |
| 6 | Series Regeneration | 2, 3, or 4 | Immediate: One Meter<br>Delayed: One Meter<br>Remote: No Meter |
| 7 | Twin Alternaiting | 2 | Immediate: One Meter<br>Remote: No Meter |
| 9 | Multiple Tank Alternating | 2, 3, or 4 | Immediate: All Meters<br>Remote: No Meter |
| 14 | Demand Recall | 2, 3, or 4 | Immediate: All Meters |

## REGENERATION TYPE

Meter Delayed Fixed Reserve
Meter Immediate
Remote Signal Start Immediate
Time Clock Delayed

## REGENERATION FLOW

Downflow
Upflow Fill First
Upflow Brine First

## ELECTRICAL RATING

24V Transformers:

- 115V AC +/- 20% input, 24V AC output
- 230V AC +/- 20% input, 24V AC output

## GENERIC METER GUIDELINES

Open collector output

Pulse rate generated must not exceed 100 pulses per second (100Hz) or 6,000 pulses per minute

Support for meter outputs in the range of 1-255 gallons (25.5m3) for every 1-255 pulses.

Meter must operate at 5 VDC