

# FLECK® NXT

## ADVANCED SYSTEM NETWORK CONTROLLER

ON-BOARD COMMUNICATION CAPABILITIES TO LINK MULTIPLE VALVES



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

## SPECIFICATIONS

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



### FILTRATION & PROCESS

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