The 3200NXT Network Controller uses on-board communication capabilities to link multiple commercial valves (via off-the-shelf CAT3, CAT5, or better cables) for a variety of system types. The 3200NXT is configured for use with Fleck® 2750, 2850s, 2900s, 3150, and 3900 Control Valves, and also supports stager valves using butterfly or notched cams.

Features

- 2x16 character backlit LCD display
- Networks up to four valves
- Field-configurable for System Types 4, 5, 6, 7, and 9
- Auxiliary inputs and outputs
    - Remote signal start input
    - Remote lockout input
    - Programmable relay output/chemical pump output
- Easy installation with plug-in wiring harnesses
- Front panel diagnostics button
    - Flow rate
    - Peak flow rate
    - Totalizer
    - Hours between last two regenerations
    - Hours since last regeneration
    - Adjustable volume remaining
    - Valve position
    - Software version
- Easy time of day adjustment
    - Simply push the up or down button on the lead (#1) controller; time of day is automatically copied to the remaining controllers
- Five configurable cycle steps
- Remote signal start can be used simultaneously with time clock, meter immediate, or meter delayed regeneration triggers
    - Allows monitoring of flow and volume information in RSS applications

Three programming levels

- User mode
- Master programming
- Diagnostics mode

System Types

System Types			
System 4	Single Valve	Time Clock	No Meter
		Delayed	One Meter
		Immediate	One Meter
		Remote Signal Start	Optional Meter
System 5 (Interlock)	2 - 4 Valves	Immediate	All Meters
		Remote Signal Start	Optional Meter
System 6 (Series)	2 - 4 Valves	Immediate	All Meters
		Remote Signal Start	Optional Meter
System 7 (Alternating)	2 Valves	Immediate	One Meter
		Remote Signal Start	Optional Meter
System 9 (Alternating)	2 - 4 Valves	Immediate	All Meters
		Remote Signal Start	Optional Meter

Regenerant Flow

Regenerant Flow
Downflow, Upflow Brine First, Upflow Brine Refill First

Generic Meter Guidelines

Generic Meter Guidelines
Open collector output.
Pulse rate generated must not exceed 100 pulses per second (100 Hz), or 6,000 pulses per minute.
Support for meter outputs in the range of 1-255 gallons (25.5 m³) for every 1-255 pulses. Example: 35 gallons/100 pulses (= 3.5 gallons/10 pulses, = 0.35 gallons/1 pulse).
Meter must operate at 5 VDC.

Electrical Rating

Electrical Rating
24 VAC Pentair® Transformers: 115 VAC +/- 20% input, 24 VAC output 230 VAC +/- 20% input, 24 VAC output

Humidity

Humidity
95% RH, Non-Condensing