

Model 3214NXT

Demand Flow Network Controller



The 3214NXT Demand Flow Network Controller is available to configure with all commercial Fleck® 2750, 2850, 2900, 3150, and 3900 Control Valves. This demand flow system can be programmed to bring multiple units to the service position and back to standby based on system demand flow. The 3214NXT Demand Flow Network Controller uses on-board communication capabilities to link multiple valves via standard CAT3, CAT5, or better communication cables.

Features

- Network two to four valves
- Simple, on-site network programming
- Easy installation with plug-in wiring harnesses
- Shift key allows digit selecting in programming
- 2x16 character LCD backlit display (letter or digit codes not needed)
- Valve, piston, and cam type default storage
- User and master programming modes
- Diagnostic mode:
 - 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 addresses

Options

- CAT 3 networking cable kit
- Remote lock
- Programmable for Fleck® and generic meters
- Programmable auxiliary relay output:
 - Dry contact relay (fused at 3 amps)
 - Program entire regeneration or during any part of regeneration
 - Chemical pump output (volume and time)

Three programming levels

- User mode
- Master programming
- Diagnostic mode

System Types

System Type 14	2 - 4 Valves (meter on each valve)
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Regenerant Flow

Downflow, Upflow Brine Draw First, Upflow Refill First
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Regeneration Type

Meter Immediate

Generic Meter Guidelines

Open collector output.

Board will sink up to 1-mA @ 5 V DC.

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).

Electrical Rating

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

Humidity

95% RH, Non-Condensing
