DECODERS

COMPONENTS FOR NETAFIM LANDSCAPE CONTROLLERS

SINGLE LINE DECODER FOR NLC-100D, NLC-100S HYBRID, NLC3D6 AND NLC3D24

Used to energize a single valve in the field. It's easily programmed by the user with a specific station ID, then it's connected anywhere along the 2-wire path. Activating that specific station turns on the valve.

The decoder can energize almost any solenoid and can be programmed with different IDs when desired.

Tucor wire, designed to ensure a secure, water-tight electrical pathway, is the preferred method of connecting the field decoder to the controller.

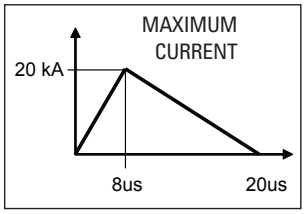
DIMENSIONS: 1.5" x 1.4" x 2.3"
LEAD LENGTH: 11"
MODEL NUMBERS: NLCDECODER (Blue: NLC-100D)
NLC3DLD050 (Orange: NLC-100S Hybrid, NLC3D6 and NLC3D24)

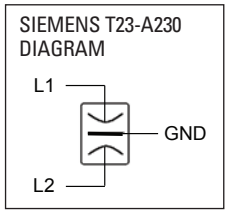
SURGE PROTECTOR

The NLCSP100 provides protection along the 2-wire path from electrical surges due to lightning or other static charges. High voltage spikes traveling down the 2-wire path are effectively shunted to the ground through the NLCSP100 minimizing the risk to decoders and other devices. As an integral part of your 2-wire system, you'll get added peace of mind during bad weather.

NORMAL SPARK OVER: 230V
MAX. SPARK OVER: 450V
COLOR: Yellow
MODEL NUMBER: NLCSP100

An NLCSP100 must be installed and grounded every 500' and at the end of a wire run. Resistance of the ground wires must be 50Ω or less.





SENSOR DECODER FOR NLC3D6, NLC3D24 AND NLC-100S HYBRID

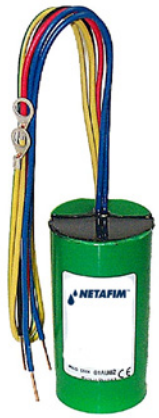
Fully programmable decoders that provide an interface between the NLC-3D and field sensors. This means that any type of sensor, such as flow, temperature or moisture, can be added to a new or existing system.

The sensor decoder is installed on the same two-wire path as the line decoder so the sensor can be a considerable distance from the controller.

Two models of flow sensor decoders based on the type of pulsed output register on the flow meter.

OPERATION

When used with an appropriate flow meter, output is registered and recorded as flow rates. Various controller responses may be defined based on sensor input. The controller polls the sensors for data either once or twice per minute, depending on the number of sensors installed.



INSTALLATION

The sensor is wired directly to the 2-wire path. Inputs are color-coded for proper polarization. Sensor calibration is defined by the controller's PC software and is then transferred to the controller via the RS232 connection. Includes built-in surge protection, Model NLCSP100.

ELECTRICAL INPUT: 4-20mA or Pulses per time interfaces
Sensor resolution is 200 steps
Accuracy better than 1% of max. value
Factory programmed ID
COLOR: Green
MODEL NUMBERS: NLC3DSD100 - use with Reed Switch
NLC3DSD100M - use with Photo Diode

NETAFIM USA
(888) 638 2346
www.netafimusa.com