CL Silo Manager

A Siemens LOGO! PLC monitors the fill levels of between four and twelve aggregate-filled silos using BinMaster ultrasonic sensors which properly calculate angles of repose and drainage.

These values are graphically shown on a 4" color HMI mounted on the control box for the plant operators' use. High and low level alarm set points can be entered from the HMI on a global basis.



Operator Interface

4" color touchscreen PLC.

Graphic Depictions of Silos

Silo levels are shown along with alerts for any high or low alarm conditions.

Multiple Configuration Parameters

Can be set by the operator (alarm set points, etc.)

Over 8 Silos

A second PLC will be installed and configured as a "slave".

Alarm History

Alarm history is available for up to 12 silos.

Level Sensors

Four-wire BinMaster[™] CDLS ultrasonic sensors mounted on top of each silo transmits the "percentage of fill" to the PLC through a LOGO!

3/15/20		Silo Se	tup 1 - 4	4 📄 🚺	🐎 Setup
Disabled! SILO #1 SILO #2 SILO #3 SILO #4 Thresholds					
					High Level
Visiblity Status:					80%
Sector		-			Low Level
		•			20%
Versio	n: 1.1.1		� ~~ 🔒 🗄	ک، 🛠	← 🚖

Silo setup is easy with clear icons

Plus

- > 24VDC, 2.5A Siemens"LOGO! Power" power supply is included.
- >115/1/50-60 Volt standard
- >(230 VAC optional)
- 5-Year Warranty for lowest cost of ownership



Specifications:



Silo 1 - 4 setup screen (Silo 1 and 3 enabled. Alarm horn disabled)



Silo 5 - 8 setup screen (No silos enabled. Alarm horn enabled)



Alarm Silenced

3/15/2017 10:24:42 AM Silo Setup 1 - 4 Setup SILO #1 SILO #2 SILO #3 SILO #4 Alarm Visibility 00 1 SILO #2 SILO #3 SILO #4 Alarm Status: 00 1 SILO #2 SILO #3 SILO #4 Alarm Visibility 00 1 SILO #2 SILO #3 SILO #4 Alarm SILO #4 SILO #2 SILO #3 SILO #4 Alarm SILO #4 SILO #2 SILO #3 SILO #4 Alarm SILO #4 SILO #2 SILO #3 SILO #4 Alarm SILO #4 SILO #2 SILO #3 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm SILO #4 SILO #4 SILO #4 SILO #4 Alarm

Silo 1 - 4 setup screen (Silo 1 and 3 enabled. Alarm horn disabled)



Silo 3 in alarm (wire-break). Click horn to silence.



Alarm Summary

Options:

Klaxon Audible Alarm

Baltimore, MD 21225 USA 410-789-4811 | Fax: 410-789-4638 | 1-800-BESTDRY (800-237-8379) | sales@novatec.com | www.novatec.com

