SILOWS | Device to manage and weigh silos

The SILOWS computers are digital devices to monitor the silos:
SILOWS 1 to monitor 1 silo.
SILOWS 3 to monitor up to 3 silos.

SILOWS Advanced computer for silo weight management

FUNCTIONS

• It provides useful statistics of feed consumption and it monitors the weight of the silo.

• It has an alarm for level of weigh and for empty silo.

• It automatically detects and records the loading of the silo.

• The dosage of feed can be programed with 14 different points.

• It is possible to connect a temperature sensor to monitor the room temperature or the silo temperature.

• Surveillance system for water and feed consumption.

• It has 3 independent clocks with 6 programs for each of one.

• Input for water counter and 2 counters free configurables for electricity, medicines, etc.

• 4 relays.

• Sequential system for the opening of the silos.

• Automatic detection of wrong functioning of the load cells to avoid erroneous weighs.

• Power sypply at AC from 100 to 240Vac. It also has an input of 12VDC for connection to power supply of photovoltaic systems.
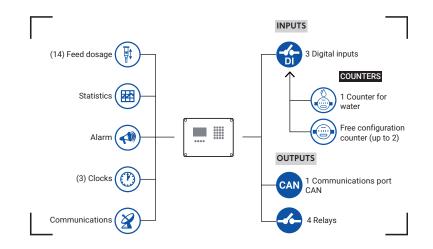
COMMUNICATIONS

• Once is connected to the central communication box CT2, then the SILOWS can be monitored online with the website and mobile app **CTIportal**. From your mobile, pc or tablet you can have full remote control of the Silows computers for silos:

  • Statistics of weighs, loadings, feed and water consumption, temperature, etc

  • Remote programming and maintenance of equipment.

  • Unified control and management of all silos in the system.

TECHNICAL SPECIFICATIONS

REFERENCE	SILOWS 1 - Equipment to weigh 1 silo SILOWS 3 - Equipment to weigh 3 silos
INPUTS	3 Digital inputs SILOWS 1: 1 Input for junction box (1 silo) SILOWS 3: 3 Inputs for junction box (3 silos)
OUTPUTS	4 Relays 1 Communications port CAN
VOLTAGE	100Vac - 240Vac / 12Vdc
MEASURES	200x170x90 mm
IP PROTECTION	IP67
NORMATIVES	89/392/CEE – 73/336/CEE – 73/23/CEE

(14) Feed dosage

Statistics

Alarm

(3) Clocks

Communications

INPUTS

3 Digital inputs

COUNTERS

1 Counter for water

Free configuration counter (up to 2)

OUTPUTS

1 Communications port CAN

4 Relays