

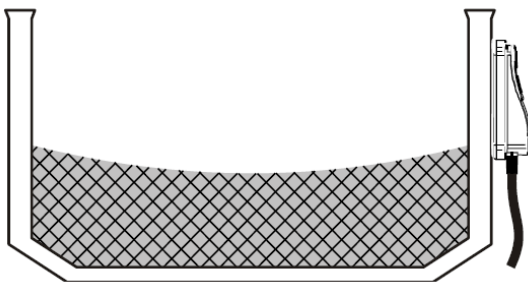
DSP FS Sensor



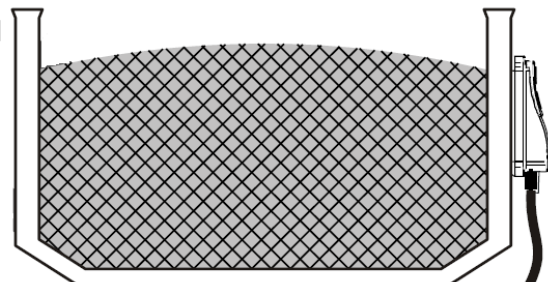
FUNCTIONALITY

- The sensitivity of the sensor can be adjusted to various types of feed.
- The sensor can be mounted outside of no metal hoppers.
- Delay can be fixed or trimmer adjustable.
- Intended for contactor operation

ILLUSTRATION OF INSTALLED SENSORS



Relay activated



Relay in default position

When the hopper is empty a timer starts and after a fixed delay the sensor switches ON. When the hopper has been refilled the sensor switches OFF immediately.

Lamp indication(if installed)

- Lamp OFF
- Lamp flashing
- Lamp ON

Sensor status

- Relay in default position
- Relay in default position and delay running
- Relay activated

PRODUCT SURVEY



103265

DSP FS-SENSOR

TECHNICAL DATA

Specifications	Relay	Unit
Rated voltage (U _e)	90 to 265	VAC RMS
Frequency	50 to 60	Hz
Maximum supply current	12	mA RMS
Rated operational current (I _e) @ 250VAC	1 2	A RMS, Inductive A RMS, Resistive
Time delay at start-up	< 100	ms
Time delay OFF	1*	s
Time delay ON – 103265 Sensor 2T	0 – 600*	Sec
Measuring frequency	1*	Hz
Indication for output ON (if installed)	Green LED	
Operating distance (S _n)	Adjustable 0 to 12(0,47)	mm (in)
Hysteresis (H)	8-10%	%
Temperature, operation	-10 to +55 14 to 131	°C °F
Temperature, storage	-20 to 70 -4 to 158	°C °F
Protection class	67 4	IP NEMA
Cable length	0,6* 2	m Foot
Cable dimensions	5 x 0,5 5x20	mm ² AWG
Frame for fixing sensor	Not included	
Approvals	CE, C-UL*	

*: Can be modified according to customer needs.

