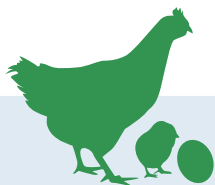




Friendly, Advanced, Affordable



FS-18 Proximity Sensor

The FS-18 proximity feed sensor is an electronically controlled proximity switch. The switch is activated as soon as feed is sensed by the proximity sensor located in the end of the sensor.



Reliability

Use of electronic switches ensures a unique reliability, all electronics are completely enclosed in a special casing to ensure maximum protection against humidity, dust and other harsh elements found in poultry and pig installations.



Typical Applications

The FS-18 sensor can replace any mechanical switch in hoppers, pan feeders and feed silos without any modification of electrical circuits.



Technical information

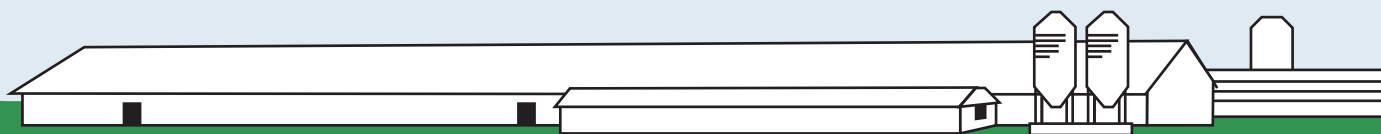
The FS-18 sensor is designed with a built in micro-processor ensuring high quality performance in sensitivity, time delay accuracy, easy setup and a wide range of working temperatures.

With FS-18 sensor smart potentiometer technology, you can easily set sensitivity, time delay and polarity (NO or NC). Time delay can be set from 1 to 120 seconds using 10 second steps. With its 2-wire cable, the FS-18 can be connected in serial to load currents in ranges of 4.5-300 mA.



Installation

Use the two supplied lock nuts to secure the sensor to the hopper side wall, feed plate or feed silo.



Technical Specifications:

Power supply	24-250 VAC	Temperature operation	-20 +70
Frequency	45-70 Hz	Sensor Length incl. cable	111.5 mm
Max Current	300 mA	Sensor Diameter	18.5 mm
OFF-state current	< 1 mA	Cable	2x0.34 mm ² (2x22AVG)
Min. operational current	4.5 mA		Length: 2000 mm
Distance of activation	Adjustable 0-8 mm		Diameter : 4.4 mm
Time Delay	Adjustable 1-120 sec	Weight incl. cable and two lock nuts	80 g



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