OsiSense application

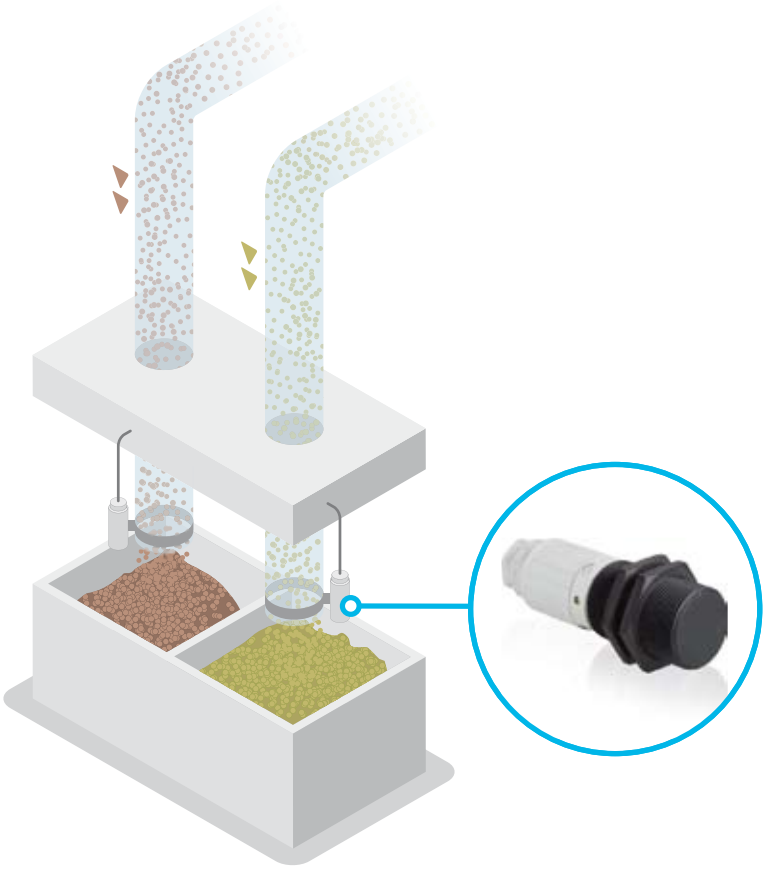
Detection for livestock automatic feed systems

Detection of any type of feed (cereals, pellets, powders, liquids, etc.).

Sensors are essential components for controlling and regulating the quantity or level of feed, whether it be its preparation, storage or distribution to livestock feeders. Using the new OsiSense XT capacitive sensor, automatic feed dispensing machines become more efficient and reliable.

This robust and economical capacitive sensor is easy to install and has been designed for use in severe environments. It is resistant to abrasives and acids.

Schneider Electric



Benefits

Robustness
• PBT plastic case, resistant to abrasives and acids.

Speed of wiring
• Screw terminals enable quick and easy connection, with IP67 degree of protection.

Simplicity of adjustment
• Adjustment of the sensing distance is performed using integrated potentiometer. It can be adjusted from 0 to 15 mm.

Compactness
• Being only 100 mm long and 30 mm in diameter, this sensor easily integrates in your installations.

Characteristics

Capacitive sensors OsiSense XT230A2MDB
• 2-wire 24…240 VAC or 24 VDC supply
• Detection distance adjustable from 0 to 15 mm
• Degree of protection: IP67
• Sensing distance adjustment using potentiometer
• NO or NC, programmable using link
• Clamping capacity of screw terminals: min. 1 to 2.5 mm^2
• Switching capacity: up to 300 mA (compatible with PLC inputs and direct control of contactor on 230 VAC)
• Operating temperature: -20 to +70°C
• 14 mm max. diameter sheath over cabling

Reference

Capacitive sensors OsiSense XT230A2MDB

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