



SeedMon Blockage Monitor

System for monitoring of throughput and blockage detection for seeding and fertilizer application



MSO *SeedMon* is the solution for monitoring the amount of material conveyed in hoses, pipes or tubes for application of mineral fertilizer, slurry and seeds.

Blockage and decreased throughput are quickly and reliably detected.

Mineral fertilizer

application of fertilizer e.g. granules, micro-granules, crushed split, powder in combination with

- Precision planter e.g. maize
- Seed drills

Slurry

Tankers with distribution head(s) and subsequent hoses with

- Disc coulters
- Injector
- Harrow

Seeds

From oilseed rape / canola to large beans

- pneumatic seed drills
- mechanical seed drills

SeedMon Blockage monitor

The *SeedMon* Blockage monitor features a flexible system's concept. The configuration of the components hub(s) and the number of *SeeDector* Sensors can be adapted to the given machine.

Communication is implemented via CAN-Bus. The system can be integrated by OEMs with their own on-board computers / ECUs.

MSO *SeedMon* for retrofit is wholly integrated with a dedicated on-board computer and specific software developed by MSO.

Benefits

- Measurement of the amount of material conveyed through hoses or pipes with MSO *SeeDector* sensors
- Flexible System's concept for OEM and retrofit
- Detection of partial blockage with decreased throughput with adjustable alarm threshold
- Mounting of the *SeeDector* sensors without cutting hoses
- No alteration of the passage of the material flow
- Nothing built into the flow, no constriction, no obstruction
- Unsusceptible against dirt / incrustation inside the hose / pipe
- Monitoring of switching on and off the material flow when tramlining
- Integration of the MSO *SeeDector* smart sensor
- Calibration in field operation for different material, machine's settings and mounting
- Simple retrofit on existing machines
- Robust cables and connectors, sealed when mounted according to IP69K
- Grounding throughout via shielded cables and connectors to dissipate electrostatic charges

Technical Data:

System components:	<i>SeeDector</i> Sensors, Hub(s), Display Head unit
Hub:	Al-casing with 12 pcs M8 connectors (Standard)
Power supply:	10 to 36 V DC
Temperature range:	-20 °C to +70 °C
Output signal:	CAN 2.0 B, proprietary Protocol
Warranty:	2 years

A Product of:



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