DRYING

MOISTURE MINDER®

Online moisture sensor

ZERO LOSS

MOISTURE MINDER®

Efficient, accurate material drying is a crucial element in the processing of engineering plastics to ensure impeccable product quality. Up to now, there has been no reliable way to continuously monitor and control that material coming out of a drying bin is dry. The Moisture Minder® system can continuously, efficiently and accurately measure the residual moisture content of plastic granules with material throughputs from 10 to 2500 kg/h. The sensor can be mounted directly under the drying bin and accurately displays the actual moisture content of plastic granules, in % or ppm (parts per million).

- **Quality control – the correct amount of residual moisture for your process: quality control and process optimization**
  Faults in the drying process are immediately visible. This makes continuous quality control possible.
- **Trend graphics – allows for continuous process monitoring**
  The Moisture Minder® continuously displays the residual moisture in the process as a trend graph. This makes continuous process monitoring possible and deviations from the set value can be seen immediately.
- **Low maintenance**
  No moving parts, no consumables, no abrasive parts. Long calibration intervals.
- **Wide application area – diverse applications due to wide temperature range**
  Due to the wide temperature range (up to 200°C), the Moisture Minder® can be used with many different materials. A comprehensive material data bank with available calibration data files are available.
- **Compact design – simple installation**
  Can be mounted directly between the drying bin and the suction box.
- **Continuous measurement saves energy and guarantees process stability**
  Over-drying and under-drying is recognized immediately, ensuring the correct conditions in the drying bin are maintained and saving energy and material waste.
- **Impeccable quality due to extensive research and development**
  The measuring device is based on extensive research and development.
- **Simple menu design and easily accessible calibration data records**
  The menu has been designed clearly and simply. Calibration data files are available from the manufacturer.

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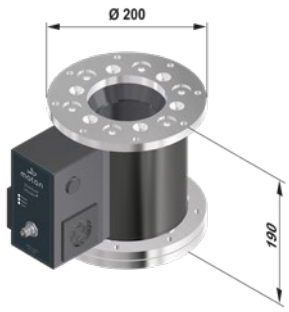

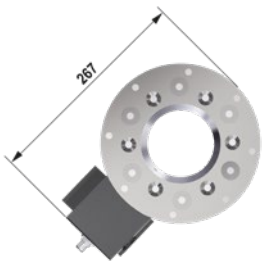

TECHNICAL DATA

Technical data		
Type	**M5**	**M100**
Temperature range (°C)	up to 200	up to 140
Moisture range (ppm)	20 - 1000	100 - 2000
Flow rate (kg/h)	10 - 2500	10 - 2500
Ambient temperature (°C)	10 - 110 / max. 90% humidity	10 - 110 / max. 90% humidity
Protection type	IP 40	IP 40
Communication (control)	Modbus TCP	Modbus TCP
Remote control	possible	possible

All dimensions in mm.
Subject to technical changes.

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V001_2022-10