**Liebherr moisture measurement system FMS**



|  |  |  |  |
| --- | --- | --- | --- |
| **Customer:** |  | **Contact:** |  |
| **Address:** |  | **Phone:** |  |
| **E-mail:** |  | **Date:** |  |
| **Website:** |  |  |  |

**Material characteristics:**

|  |  |
| --- | --- |
| **Material to be measured:** |  |
| **Composition description:** |  |
|  | Homogeneity: |
| **Is metal present:** | yes  no content    %  Variation: |
| **Powder & Bulk:** | Other Powder&Bulk:  Grain size:min:    mm max:    mm |
| **Emulsion/other description:** | Other emulsion:  density:approx.       g/cc (kg/dm³) Variation: |

Measuring range, moisture: min:    % max:     %

Water saturation at: approx.     % moisture

Required accuracy: +/-      %

Product abrasiveness:  low  high

Product “stickiness”:  low  high

Product conductivity:  yes  no

Moisture reference (%moisture):

**Ambient conditions:**

Process temperature: min:    °C max:     °C

Ambient temperature: min:    °C max:     °C

Material layer on sensor: min:       mm max:       mm

Further information (e.g.: SIP, CIP):

(Food Grade level required (what level?):      

Type of washdown used:

**Installation:**

Installation place:   Tube :       mm

Other

Process type:  Continuous operation  Batching operation (Starting signal 24V)

Distance from the sensor location/s to the controller:       feet or meters

Max range is 1,200 meters´- 3,900 feet total installed in series via optional RS-485 bus cable)

Number of measuring points / sensors heads:       (max. 16 sensor heads per controller   
 interchange and evaluation unit)

Interchange and evaluation unit:

Desired interface to customer from the controller-interchange unit:

EX-protection

separate process display necessary

Brief description of the plant process and goal for In-Line measurements:

64 FMSABT