

ONLINE MOISTURE MEASURING UNIT MC



The Online Moisture Measuring Unit MC is used for continuous monitoring of moisture contents of free-flowing bulk solids, in particular grain and granulates. A high frequency probe, centrally mounted in a measuring pipe, measures the relative permittivity and temperature of the bulk material passing the probe. These values are continuously processed by the evaluation unit in order to determine the moisture contents of the material; this is then displayed digitally.

If the density of the material is subject to strong fluctuations, an optional density measuring system can be supplied in order to compensate for this. The evaluation unit can be mounted in any position; it is dust-tight and suitable for wall mounting.

The moisture signal is automatically controlled by two adjustable limit values. A current exit (4 - 20 mA) for the transient moisture signal can be supplied for recording and control systems.

Technical Data:

Measurement range (dep. on the material):	approx. 8 – 18 %
Temperature range:	0 – 40° C
Type of Protection - measuring probe:	dust proof area 20
Type of Protection - electronics:	IP 54
Dimensions: (measuring pipe):	diameter: 120 mm, length 500 mm



FRIEDRICH
e l e c t r o n i c

FRIEDRICH electronic GmbH & Co. KG
Holzmuehlerweg 100 • D - 35457 Lollar
Tel.: +49 (0) 6406 - 1509 Fax: - 6602
E-Mail: service@friedrich-electronic.de
Internet: www.friedrich-electronic.de