HIGH-PERFORMANCE CERAMICS

HUMIDITY SENSOR FOR LIQUIDS AND SOLIDS



Application:
Humidity sensors for liquids and solids

Material:
Alumina **F99.7**
Zirconium-stabilised alumina FZT

Humidity sensors made of F99.7 Alumina or FZT zirconium-stabilised Alumina are used more and more frequently in the most varied fields of application. Examples of these applications include not only measuring of water content in crude oil conveyor units, cement works conveyor belts and mixers, but also the production of foodstuffs.

Here, the physical principle is the determination of capacity in the high-frequency field. The rear of the sensors can be fitted with a conductive coating to which the electronics can be connected.

- **Can be used at extreme temperatures**
- **Thermal shock resistant**
- **Corrosion resistant**

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