

Questionnaire for Microwave and VHF Moisture Sensors

1. Material / Substance to be measured (e.g. wooden pellets, sand, beans, ...)
2. In case of material mixture: Variations of composition?
3. Average size of material [mm] / [inch] (e.g. 3 x 4 mm)
4. Processed material throughput (e.g. t / hour)
5. Moisture measurement range of material[%] (e.g. 4 ... 12 %)
6. Desired accuracy [%] (e.g. 0.3 %)
7. Description of planned measurement position (e.g. Ø300 mm pipe / conveyor belt / hopper)
8. Material spread at planned measurement position (e.g. 100 mm material height on conveyor belt / 1000 x 1000 mm hopper, 70% filling level)

9. Number of measurement positions
10. Material temperature at planned measurement position [°C / °F] (e.g. +30 ... +35 °C)
11. Ambient temperature at planned measurement position [°C / °F] (e.g. +24 ... +26 °C)
12. Explosion-risk area (Zone, ATEX-, IECex-certification etc.)
13. Measurement data indication (local and / or process control system)
14. Company name
Address
Contact details (name, telephone, fax, e-mail)

Additional necessary information
(e.g. photos, drawings, MSDS...)