MOLLET Füllstandtechnik GmbH

Microwave level measurement MWF

MOLOS wave

Date _____

Editor _____

Data of customer

Contact person _____

Customer ID _____

Company _____

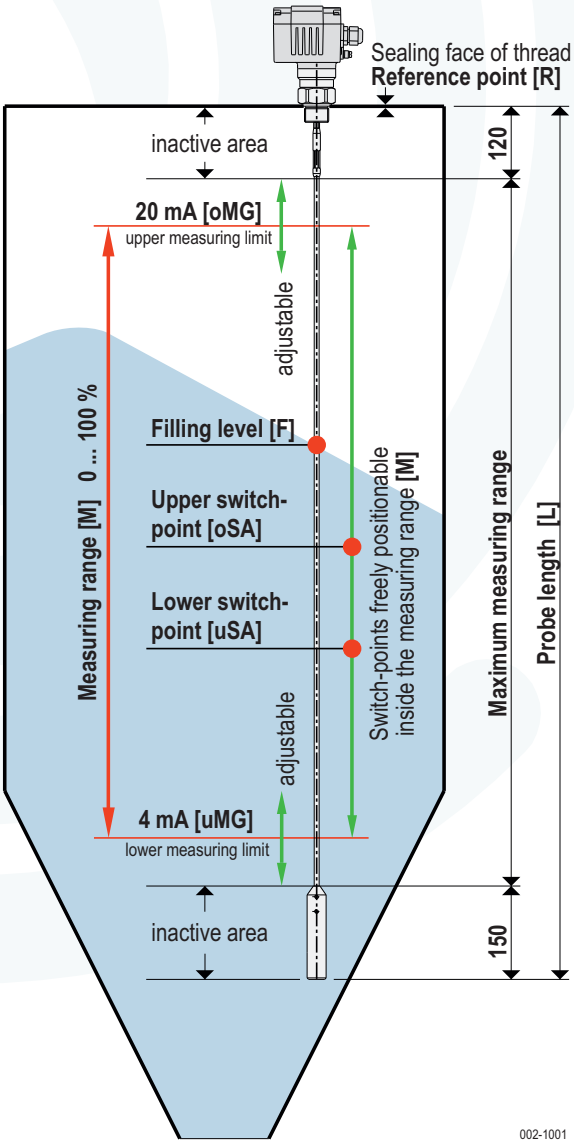
Street _____

Postal code / City _____

Country _____

Phone _____

E-mail adress _____



Content in silo or tank

Description _____

Relative permittivity* [>1,8] _____

Density of bulk solids _____ t/m³

Kind of material
- fine dust / powders ☐
- grainy materials / granular ☐
- small pieces / gravel ☐
- larger pieces / piece of rock ☐
- viscouse material / sirup ☐
- liquids ☐

Moisture content high / medium / low

Tendency to adhesiveness high / medium / low

*) DK value or relative permittivity (εr = ε/εo) is a dimensionless, relative material constant that describes the permeability of electrical fields.

Silo / container

Hight _____ m

Diameter _____ m

Material aluminium / steel / concrete / plastics

Measuring parameter

Probe length [L] _____ m

Maximum measuring value [20 mA]* _____ m

Minimum measuring value [4 mA]* _____ m

Switching point [S]* _____ m

*) Distance from [R]

Process connection

Threat _____

Flange _____

Protruding nozzle height _____ mm

Protruding nozzle diameter _____ mm

Distances from planned mounting position

to plain metallic walls _____ mm

to concrete walls _____ mm

to adherences on the wall _____ mm

to metallic installations _____ mm

to metallic parts outside of plastic containers _____ mm

to metallic hoppers and bottoms _____ mm

Process data

Process temperature _____ °C

Process pressure _____ bar

Required approval / ATEX _____

Filling process pneumatic / screw conveyor / others