Electrical melting in perfection



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Glass Level Measurement

Type TSM

Installation through side-wall

An established measurement principle - upgraded with intelligent software and high-tech measurement process. The controll and evaluation unit is able for a high and exactly measurement and for varied practices. Drive Unit Special Advantages: → solid construction with Leverage → simple installation and handling → low costs **Technical Specifications:** → supply voltage 230 V / 50 Hz → automatic restart after a power interruption Control Unit \rightarrow ambient temperature: probe unit 85 °C; display unit 65 °C → measurement field selectable between +/- 10 mm and +/- 20 mm → measurement accuracy 0,1 mm \rightarrow output 0/4 ... 20 mA; 2 output contacts for alarms → data highway connection possible Zyklus Grundstellun Start

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Glass Level Measurement Radiometric

The measurement principle is based on the intensity decrease of a gamma radiation beam when passing through a material. The instrumentation consists of a radiation emitter and a scintillation counter with electronic evaluation.

The measurement signal is available as an 0/4 20 mA for a glass level change of \pm 10 mm. The accuracy of measurement is \pm 0,1 mm. The particular advantage of this measurement principle is a high degree of measurement accuracy and long time stability.



Shielding with radiantion emitter



The instrumentation requires little maintenance and has high stability in regard to possible interference by temperature, vibration, dust etc. Specially designed housings and mounting attachments assure trouble-free installation and start up.

Scintillations counter with water cooling and slide adjustment

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