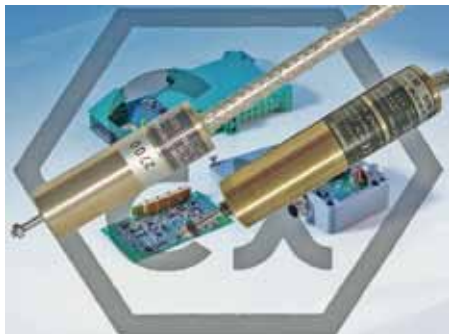


Inductive Displacement Transducer with ATEX-license for the Ex-field



▲ Inductive displacement transducer series SM20 and SM21

The inductive displacement transducers of the SM20 and SM21 series are built in a pressure-proof, encased housing and are sealed. This construction has got the type examination certificate and is permitted for the use in the Ex-field and has got the marking II 2 GD T 80 °C EEx d IIC T6.

The supply of the transducers with the required carrier frequency and the signal processing can happen with the help of the standard electronic modules. Inherently safe circuits are not re-

quired because of the casing of the displacement transducer. Measuring strokes up to 12 mm are converted with an accuracy of $<\pm 0,5\%$ in $0(4) - 20\text{ mA}$, $0 - 10\text{ V}_{\text{DC}}$ or $\pm 10\text{ V}_{\text{DC}}$, depending on the choice of the electronic module.

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