

Measuring transducer for alternating voltage

(sinusoidal)

Type:
MV-1.1s



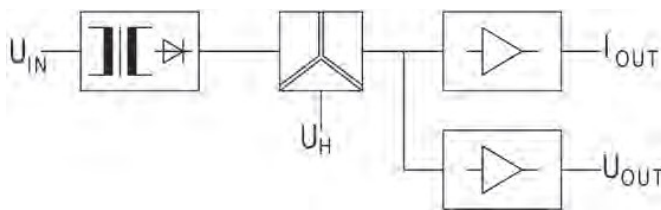
Application

The measuring transducer MV-1.1s is used for the transformation and isolation of a sinusoidal alternating voltage into an impressed direct current and/or direct voltage signal. For types with double output, these outputs are switchable between 0-20 mA and 0-10 V or 4-20 mA and 2-10 V.

Function

The alternating voltage to be measured is transmitted to the downstream rectifier circuit via an internal voltage transformer serving for galvanic isolation. The direct voltage generated there is amplified and transformed into an impressed direct current or in an impressed direct voltage. The output is no-load proof and short-circuit proof.

Only for „live zero“ or double output, an auxiliary voltage is required. Connecting the two outputs is not permissible.



Connection

