

# FAGET compact voltage transducer, Model EM478

The FAGET EM478 is a compact voltage transducer for converting alternating voltage to a 0-20mA signal. This voltage transducer is self powered and does not require an auxiliary voltage supply. This makes the EM478 ideal for applications requiring a simple and reliable method of measuring voltages. Mounting of the transducer is fast and easy.



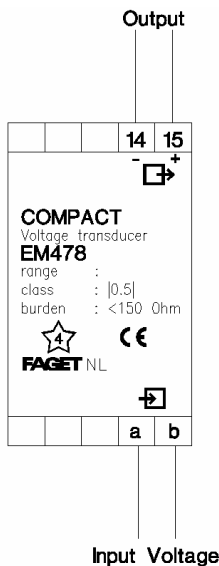
## Technical Specifications

Input voltage:	max. 500V
Aux. supply:	not required
Output:	0-20mA
Weight:	± 0.15kg
Class (0.2-1.0 Un):	0.5
Range:	0.2 - 1.0 * Un
Overload capacity:	2 * Un (10sec)
Continually:	1.0 * Un
Frequency range:	45-55Hz 55-65Hz (on request)
Power consumption:	< 2VA
Max. load:	< 150 Ohm
Setting time:	< 1.5 sec
Umax with open terminals:	< 24 Vdc
Umax (150 Ohm):	< 5 Vdc
Impulstest:	5kV 1.2/50µs
Isolation:	4kV/60s. (50Hz)

## Measuring ranges

Order number	Measuring range
6R5101	0 - 250V
6R5102	0 - 500V
6R5103	0 - 132V

## Wiring diagram



## Dimensions

