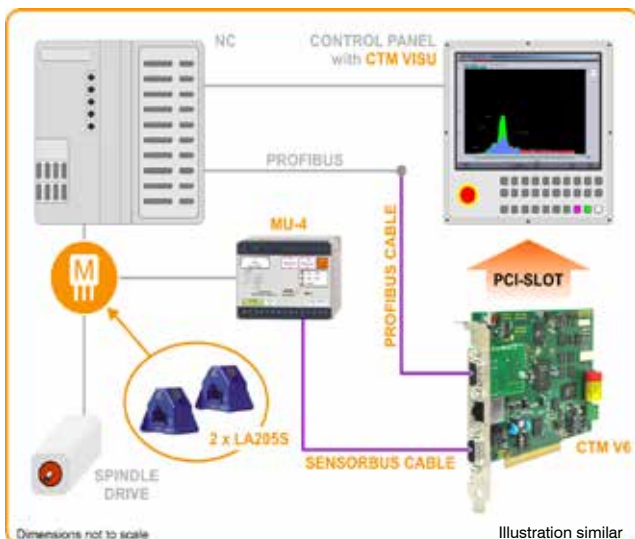




Illustration similar

TRUE POWER MEASURING TRANSDUCER



Application example:
 MU-4 measuring transducer with two ARTIS Hall sensors LA205S and the Tool and Process Monitoring System CTM V6.

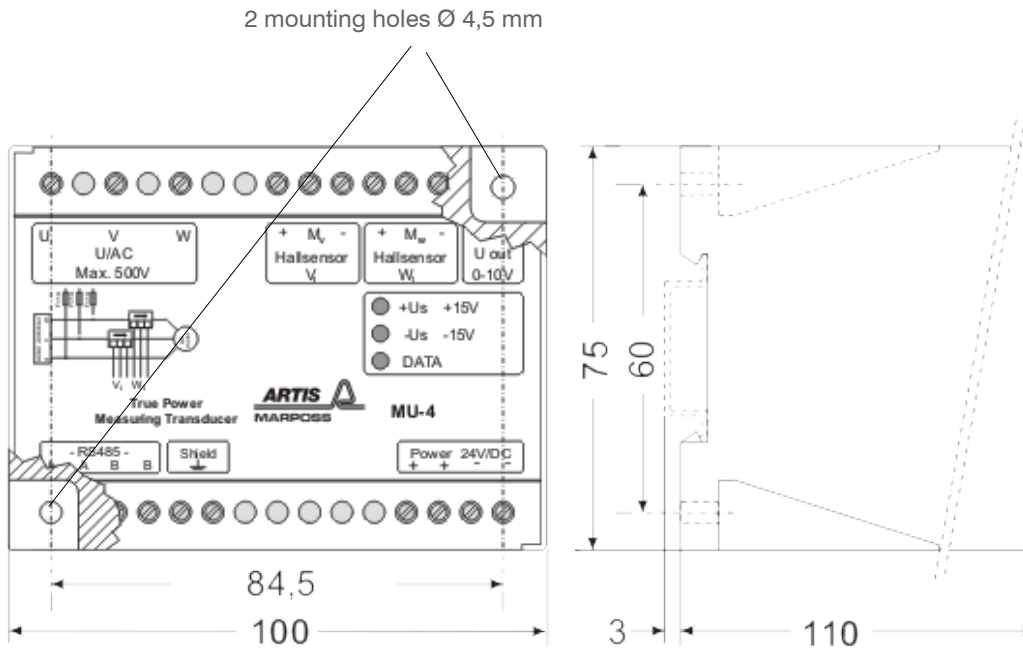
Special Features

- True power measuring system
- True power sensor system
- Data and parameter transmission via ARTIS sensor bus
- Additional analog output 0 to +10 V

The MU-4 measuring transducer with connected Hall sensors (number depending on type of drive) is part of the CTM Tool and Process Monitoring System. The measuring transducer is equally suitable for both, DC- and AC-drives and also employable for frequency converters.

True Power Measuring Transducer

MU-4



MU-4 O830Z810301	
Dimensions	see drawing
Weight	380 g
Material	Makrolon
Degree of protection	IP20
Contacting	Screw terminals
Operating temperature	0 – 50 °C
Rel. humidity	5 – 85 % without condensation
Mounting	<ul style="list-style-type: none"> Standard mounting rail acc. to DIN EN 60715 Screw connection
Voltage supply	24 V DC (20 – 35 V), stabilized, max. 5 % ripple
Nominal current consumption	max. 500 mA
Programmable analog gain	Adjustable via ARTIS sensor bus: 1.0, 1.3, 2.0, 4.0, 10, 20, 40, 80, 160
Damping	Adjustable via ARTIS sensor bus: OFF, 1.2 Hz, 2.3 Hz, 4.4 Hz, 8.4 Hz, 18 Hz
Interface	ARTIS sensor bus ASB (RS485)

Measuring inputs	
AC – voltage	3 x 500 V AC (RMS), AC-net, frequency regulated or pulse range modulated, galvanically insulated
AC – current	using two Hall sensors: Type LA205S up to 200 A
DC – voltage	max. 500 V, galvanically insulated
DC – current	using 1 Hall sensor: Type LA205S up to 200 A
Analog output	0 – 10 V
Frequency range	0 – 2000 Hz
Calibration	500 V (RMS), 100 A (1:1000), $\cos(\varphi = 0^\circ) \pm U\text{-Out} = 10\text{ V}$
Operation	
within CTM system	via operation panel of the NC control using the ARTIS CTM menu
Supported ARTIS Hall sensors	Code O3PZ0311012: CT-100 Code O3PZ0311011: LA205S
Conformity	CE



www.marposs.com

For a full list of address locations, please consult the Marposs official website

ODN6420EN02 – Edition 01/2018 – Specifications are subject to modifications
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