Fourth current transformer input
(e.g. N-phase)

Ethernet connection

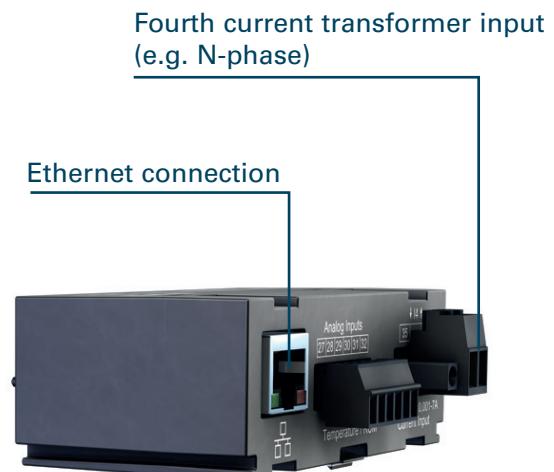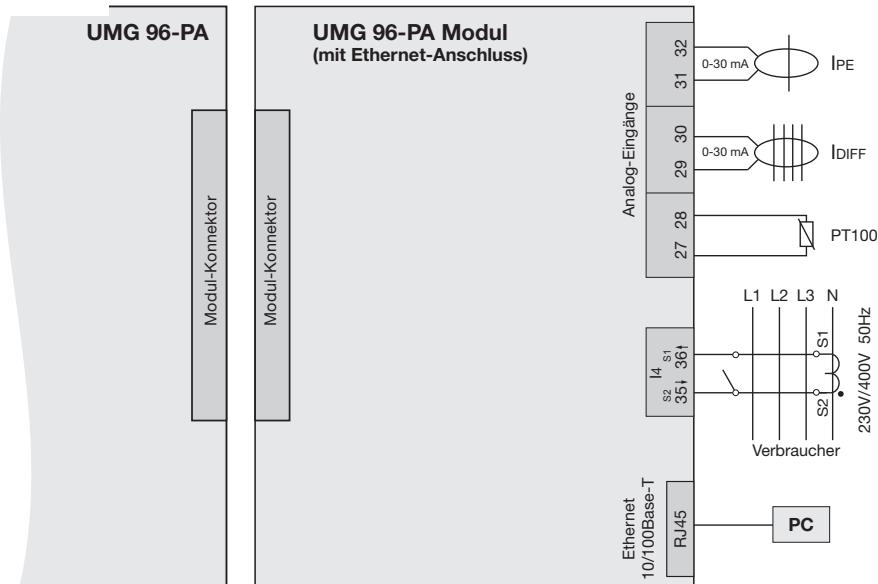Fig.:UMG 96-PA with Ethernet connection

Fig.:UMG 96-PA basic device without module

Typical connection variant

Device overview and technical data module

Modules for the UMG 96-PA	
Module without Ethernet connection	52.32.011
Module with Ethernet connection	52.32.010
Residual current input	
Analogue inputs	2 for residual current or analogue measurement
Rated current	30 mA$_{rms}$
Triggering current	50 µA
Resolution	1 µA
Temperature measurement	**1x**
Update time	1 second
Connectable sensors	PT100, PT1000, KTY83, KTY84
Current measurement, N-measurement (I4)	
Rated current	1 / 5 A
Overvoltage category	300 V CAT II
Power consumption	approx. 0.2 VA (Ri = 5 mOhm)
Sampling rate	8.33 kHz
Interface/protocol	
Ethernet connection	RJ45, 10/100 Mbit
Module with Ethernet connection (RJ45)	Modbus TCP/IP, Modbus RTU over Ethernet
	Modbus Gateway

Both modules can be used in conjunction with the UMG 96-PA, item no. 52.32.001 and 52.32.002