Energy data into CANopen network

For measurement and continuous monitoring of electrical parameters in real time, ICPDAS offers the power meters of the PM-3000-CPS and PM-4000-CPS series with CANopen.

By logging energy data on plants and machines, savings potentials are identified, downtimes are minimized and capacity utilization is optimized (Photo: ICP DAS Europe)

The CANopen interface and the measuring ranges from 60 A to 2000 A allow the user a range of applications. Current transformers like split core or Rogowski coils are optionally included in the scope of delivery, which simplify subsequent installations, said the company. Further advantages of the power meters are the additional relay outputs and up to eight independent 3-phase measurements on a module. With a temperature range of -20 °C to +70 °C, DIN rail mounting, and a voltage input of 12 V_{DC} to 48 V_{DC}, the power meters of the two series meet all important industrial requirements. In addition to energy data acquisition, the company offers a compatible solution and product portfolio for energy monitoring.

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