Press Release

New EtherCAT Installation Guideline – Problem-free planning, assembling and commissioning

Professional installation of a communication infrastructure consists of thorough planning, precise assembly and careful commissioning. Through intelligently-designed topology features, the EtherCAT industrial Ethernet system is a robust communication platform with comprehensive diagnostic possibilities. With the right installation, users can fully benefit from the advantages of EtherCAT even in the most challenging environments. To support these plant operations and machine builders, the EtherCAT Installation Guideline is now available from the EtherCAT Technology Group as a download on www.ethercat.org.

EtherCAT communication technology has numerous distinct advantages when compared to traditional fieldbus systems based on passive cabling. EtherCAT uses peer-to-peer connections between the participants in the network, preventing any disturbances from continuing beyond the next node. The useful diagnostic features of EtherCAT enable the detection of problems and errors, with the ability to even localize them very quickly without cost-intensive diagnostic tools. Additionally, specific measurements mitigate installation problems and reduce the negative influence of difficult environmental conditions.

Within the EtherCAT Installation Guideline, the professional handling of the EtherCAT communication infrastructure of a machine or plant is divided into three parts with corresponding tasks. The "Planning" section supports the engineers responsible for the design of the network, "Assembling" focuses on technicians who need to implement the network based on the earlier planning, and the "Commissioning" chapter addresses technicians as well as users who must review the quality of the installation or monitor the operation of an EtherCAT-based industrial network.

The EtherCAT Installation Guideline provides a concise, comprehensive overview of all aspects associated with the professional installation of EtherCAT systems. Thus, the document offers valuable guidance for machine builders and plant engineers using the technology. The EtherCAT Installation Guideline is available for download at no cost on www.ethercat.org.

Direct link to EtherCAT Installation Guideline: http://www.ethercat.org/ETG1600

About EtherCAT Technology Group (ETG):
The EtherCAT Technology Group (ETG) is an association in which key user companies from various industries and leading automation suppliers join forces to support, promote and advance the EtherCAT technology. With over 3,500 members from 60 countries, the EtherCAT Technology Group has become the largest fieldbus organization in the world. Founded in November 2003, it is also the fastest growing association of its kind.

About EtherCAT®:
EtherCAT is the fastest Industrial Ethernet technology and stands for high-performance, low-cost, ease of use and a flexible topology. It was introduced in 2003 and became an international standard and a SEMI standard in 2007. The EtherCAT Technology Group promotes EtherCAT and is responsible for its continued development. EtherCAT is also an open technology: anyone is allowed to implement or use it.

➔ For further information please visit: www.ethercat.org

Press contact:

EtherCAT Technology Group
Christiane Hammel
Ostendstraße 196
90482 Nuremberg
Germany

Tel.: +49 (911) 5 40 56 226
Fax: +49 (911) 5 40 56 29
c.hammel@ethercat.org
www.ethercat.org/press