



Instrumentation connectors for the highest quality demands

ERNI connectors are ideal for instrumentation. Even the smallest faults in the devices used can lead to large and expensive failures. ERNI knows these high requirements and offers a wide range of suitable connectors, they master all applications. Choices for connectors for these critical application include ERNI's MicroSpeed, MaxiBridge, SMC, ERmet, MicroStac, M8/M12 and more.

ERNI's connectivity solutions for Instrumentation

Reliability

ERNI connectors are characterized by maximum reliability in harsh industrial environments. Due to gold-plated contacts, a high normal force in the contact area and two-leg contacts, they provide reliable contact closure and reliable contact throughout the entire life cycle of the systems.

Workability

ERNI connectors can be processed efficiently and economically within the framework of module production. The products are easy to handle both when assembling the printed circuit boards and when joining the assemblies. Even installation in the field can be carried out without problems.

Signal integrity

ERNI produces connections that are interference- and EMC-proof and offer high signal integrity with low bit error rates. Shielded solutions are available which ensure a high level of confidence in the communication interfaces due to their interference immunity.

Range of variants

The variety of ERNI industrial connectors creates maximum flexibility in the design of new applications. Numerous variants of Board-to-Board connectors and I/O connectors with various degrees of protection enable versatile configurations, PCB arrangements and spacings.

Product Selector Guide