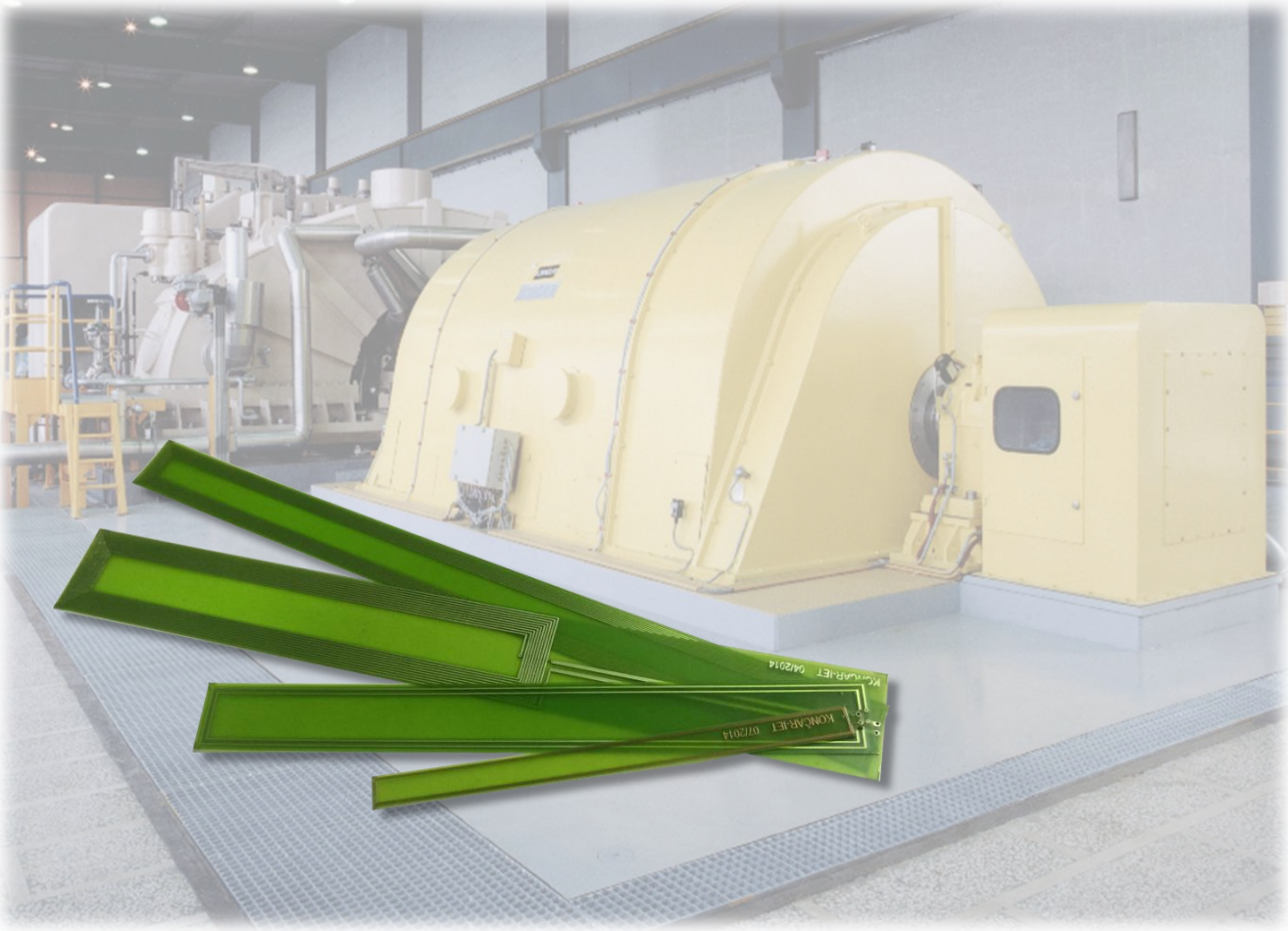
KONČAR
Electrical Engineering
INSTITUTE

Magnetic Flux Probes

KONČAR MFP



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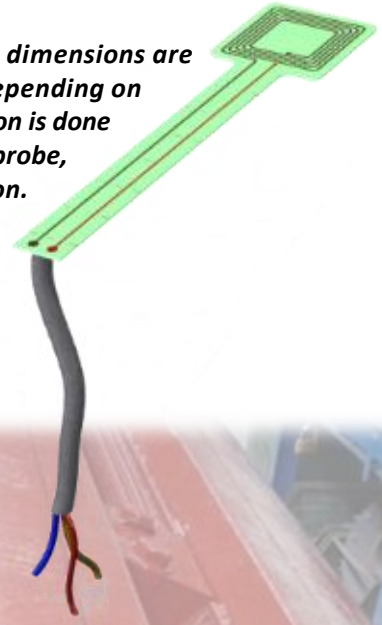
SYSTEM CERTIFIED
BS OHSAS 18001:2007 No.00242/0
ISO 14001:2004 No.00261/0
ISO 9001:2008 No.01095/0

Modern industry depend on the reliability and availability of electric motors and generators in power plants, refineries, chemical plants, foundries, mills, paper manufacturing plants, transport, etc. By equipping motors and generators with magnetic flux probes (MFP) our expert systems for magnetic field analysis can detect faults caused by inter-coils short circuits in excitation and armature windings.

Based on innovative measurement method (differential magnetic field measurement method DMFM®) **and two magnetic field sensors working together, highest fault sensitivity is achieved so early stage fault development is enabled.**

The MFP is applicable for hydro and turbo machines and its dimensions are customized so it perfectly fits on stator core or pole shoe depending on installation position. Probe height is approx. 0,5 mm and fixation is done by special epoxy. Thanks to the extremely thin feature of the probe, in most cases probe can be installed without rotor extraction.



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