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**INSTRUMENT AND AUTOMATION ENGINEERS' HANDBOOK**  
**FIFTH EDITION**

**VOLUME I**

# Measurement and Safety



**BÉLA G. LIPTÁK**, Editor-in-Chief  
**KRISZTA VENCZEL**, Volume Editor

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# Measurement and Safety

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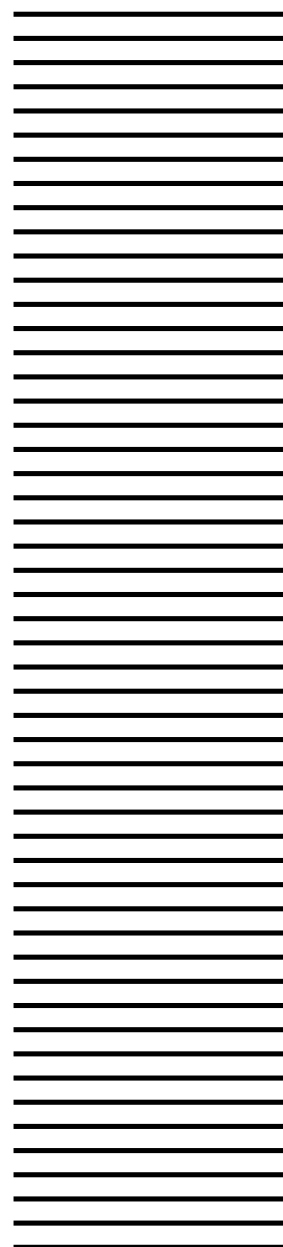
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This handbook is dedicated to the next generation of automation engineers working in the fields of measurement, control, and safety. I hope that learning from these pages will increase their professional standing around the world and that our knowledge accumulated during the last half century will speed the coming of the age of full automation. I also hope that what we have learned in optimizing industrial processes will be used to improve the understanding of all processes and that this knowledge will also help in overcoming our environmental ills and will smooth the conversion of our lifestyle into a sustainable, safe, and clean one.

**Béla G. Lipták**



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