CONTENTS

Technical Reports

Overview .................................................................1
by Yasushi Umeda

Development of IO-Link Master Module .........................2
by Satoshi Namematsu

Mitsubishi CNC “E80 Series” to Meet Needs of
Emerging Markets ..................................................7
by Takashi Sueda

New Fiber 2D Laser Processing System GX Series ............13
by Hiroki Murasawa

MELSEC iQ-R Series Energy Measuring Module ...............17
by Yuki Nobe

Mitsubishi Electric Advance has been working toward
becoming a “one & only FA supplier” in contributing to
manufacturing around the world and in satisfying customers, by
providing its e-F@ctory integrated FA solution with the latest
technologies and top quality as a foundation.

This issue introduces the latest FA technologies and systems that
make up this foundation for e-F@ctory.

(1) Remote IO-Link units compatible with CC-Link IE field
networks; these types of units are compatible with IO-Link as
a European international standard for sensor communications.

(2) Mitsubishi CNC E80 series; this easy-to-use, IoT-compatible
series with functions for improving the cost performance of
machine tools satisfies needs in emerging markets.

(3) New version of the GX series of the Fiber 2D Laser Processing
System; this series has realized high processing stability, high
reliability, high-speed processing, and complete automation,
while reducing running costs and saving labor.