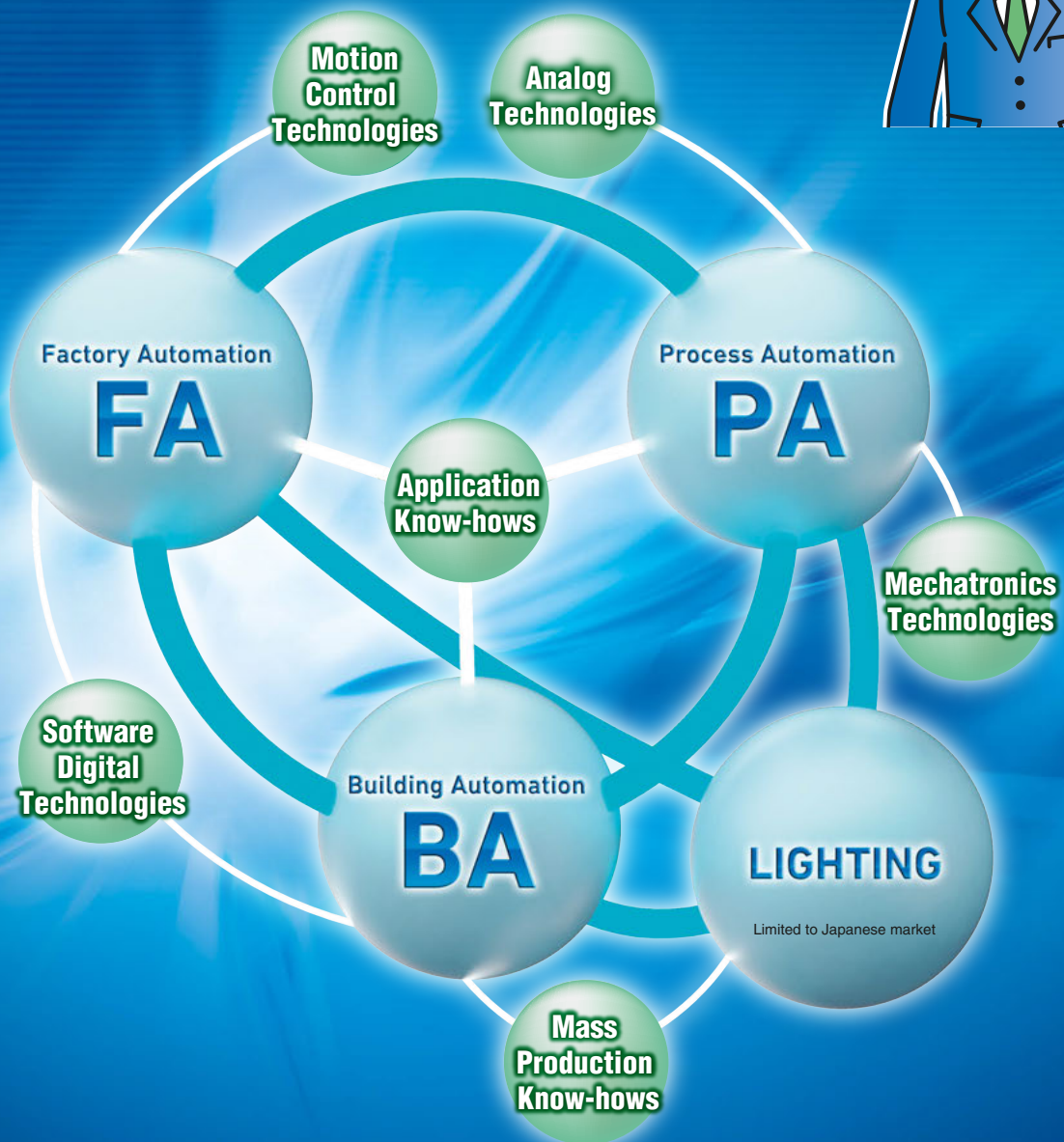




Product Guide

Offering electronic products,
ranging from analog control devices to IoT devices

M-System



Product Guide



M-System is a leading manufacturer of signal conditioners.

The product series introduced here covers only some of M-System's products. For products not introduced here, please visit M-System's website or see its product catalogs.

Signal Conditioners

Converting measured signals to desired signals.



2-wire Signal Conditioners

Signal conditioners of on-site installation type with no power source required.



Power Transducers

Calculating, displaying, and outputting power quantities.



Indicators

Expressive digital panel meters and bargraph meters.



Tower Lights

Tower lights provided with communicating function.



Limit Alarms

Monitoring measurement signals and outputting alarm contact signals.



Remote I/O

Operating as an interface of measured signals with field networks.



Temperature Controllers

Temperature controller models of on-panel type and in-panel type.



Paperless Recording System

A recorder with no paper required, to which the latest IT technology is applied.



BA & Energy Monitoring Components

From closed systems to open systems.



Limited to Japanese market

Software (SCADA)

Data collection software



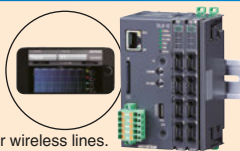
PID Control Components

New PID controllers incorporating the latest technology.



Telemetry System & Web Data Loggers

A remote transmission and monitoring system using diverse types of media, such as dedicated lines, telephone lines, or wireless lines.



IoT Components

Products with a variety of functions for IoT.



Final Control Components

A proposal for mechatronics conversion of the final control elements.



Lightning Surge Protectors

Lightning surge protectors designed specifically for electronic equipment.



LED Products

A universal LED tube that does not require rewiring of existing lamp holders.

Limited to Japanese market



MGMT's products.

M-System's Five Service Policies Established under the idea of its customer-first principle.



All M-System's products and services are provided outside Japan through M-System's authorized distributors. M-System is trying to enhance the customer satisfaction with following 5 service policies. As to the terms and conditions of a specific service, consult M-System for details.

1. Continued Products Availability

- We have basic policy of not to discontinue our products without providing compatible replacements.
- We always strive to procure all the electronic parts for our products. When a certain electronic part is no longer available, we will make best effort to provide a product compatibly replaceable with the existing product as long as there is substantial demand for such product.

2. Fast and Precise Delivery

- The standard manufacturing lead time for most of our products is 5 days.
- Quick Service Center is available for 24-48 hours shipment.
- Once a delivery time is promised, the customer can of course count on us to deliver them precisely on time.

3. Special Specifications Service with no extra charge

- Special specification products can be supplied without additional charge for major product series, except for those requiring excessive labor or materials.
- We are putting our effort into expansion of the scope of Special Specifications Service to all of our products. Special Specification Service will be available to more product series in the future.

For detailed terms and conditions applicable to each specific product, consult M-System.

4. Special Repair Service

- During the service period of 36 months from the date of purchase, we will provide free repair service for a damage or malfunction caused by a user's mistake when we determine at our discretion that cause of the damage or malfunction falls into the "Service Coverage" set out as conditions of this service. Such free repair service will be limited to one repair per cause of the damage or malfunction.

For detailed terms and conditions applicable to this service, consult M-System.

5. Factory Setting Service with no extra charge

- Configuration setting for programmable products is free of charge upon the customer's request for once when ordering, except for those requiring special engineering (e.g. multi-function PID controllers).

For detailed terms and conditions applicable to each specific product, consult M-System.



M-System offers approximately 3,900 kinds of products, ranging from analog control devices to IoT devices.

BA & Energy Monitoring Components

BA Controller & DDC Supporting LONWORKS and Modbus

Limited to Japanese market

BA3 Series



Modbus, LONWORKS VAV / FCU controller

Limited to Japanese market

BA9 Series



Web-enabled Power Demand Monitor

Limited to Japanese market

EDMC



Web-enabled Gas Demand Monitor

Limited to Japanese market

GDMC



Telemetry System & Web Data Loggers

Web Data Logger

DL8 Series



Web Data Logger

DL30 Series



Web Data Logger

TL2 Series

Limited to Japanese market



Multiplex Transmission System

D3 Series



IoT Components

Web Data Logger

DL8 Series



Web Data Logger

DL30 Series



Web-enabled DAQ System

Tablet Recorder

CE



TR30

TR75

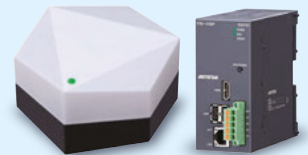
Limited to Japanese market

Remote graphics panel

RGP Series

RGP Series

Limited to Japanese market



RGP6

RGP30

Wireless-compatible equipments

For limited markets

900, 920 MHz Band Multi-hop Wireless System



Lightning Surge Protectors

M-RESTER Series

Surge Protector for Photovoltaic System



7 models

CE

MATPH etc.



Sensors / Transmitters (provided by the user)

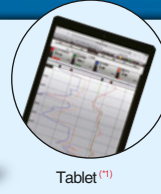


PC / DCS / PLC (provided by the user)

Paperless Recording System

Web-enabled DAQ System
Tablet Recorder
TR30/TR75 Series

TR30
CE



Tablet (*)

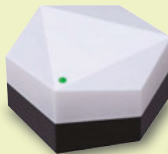


TR75
Limited to Japanese market

Indicators

Remote graphics panel

RGP Series
Limited to Japanese market



RGP6



RGP30

Digital Panel Meters W96 x H48 mm (3.78" x 1.89")



Large display type
40 Series

7 models
CE



Ultra-slim digital panel meter stuck with a magnet (*)
47NL Series

8 models
CE



LCD display type
47 Series

17 models
CE

Bargraph Indicators

48N Series
W36 x H144 mm (1.42" x 5.67")



CE UK CA 13 models

2-wire Signal Conditioners

Head-mounted Signal Conditioners

27/26-UNIT Series



11 models
CE IS/Ex

Field-mounted Signal Conditioners

27HU-B/B6U-B



CE IS/Ex

P/I Transducer

PVT etc.



3 models
CE

Terminal Block Type Signal Conditioners

B5-UNIT Series



CE 5 models

Signal Conditioners

Plug-in Socket Mounted Signal Conditioners

M-UNIT Series



188 models
CE c RU US

Signal conditioners with OEL display

M1E Series

OEL display



9 models
CE

Compact signal conditioners

M2 / M2E Series (Mini-M)



78 models
CE c RU US UK CA

OEL display



12 models
CE

I/P and P/I Transducers

HVP etc.



28 models
CE

Plug-in Socket Mounted Signal Conditioners

K-UNIT Series



72 models
CE

Isolation Amplifiers

20 Series



51 models

Ultra-slim Signal Conditioners

M6 Series



63 models
CE c RU US

Surge Protector for Communication Networks

MDW5-CC etc.



18 models
CE

RS-422 / RS-485 Ethernet

CC-Link CC-Link IE Field

DeviceNet LONWORKS

FOUNDATION Fieldbus

PROFIBUS-PA



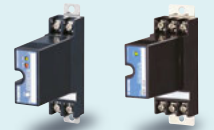
3 models
CE

Ethernet lightning surge protector ideal for surveillance cameras
MDCAT etc.



Plug-in Base Mounted Surge Protector

MDPA-24, MDP-RB etc.



26 models
CE

Software (SCADA)



TFT Color LCD Display

71VR1



96 mm (3.78") square size (1/4 DIN size)



Touch Panel Operation

73VR Series

144 mm (5.67") square size



Weighing Indicator

W144 x H72 mm (5.67" x 2.83")



W100 Series



Field Indicators

Loop powered Indicator

6DV/6DV-B



IS/Ex

Tower Lights

Wireless Tower Light

900, 920 MHz Band Multi-hop Wireless System For limited markets

Open Network Capable Tower Light

CC-Link Modbus/TCP

Discrete Input TowerLight



37 models



Rack-mounted Signal Conditioners

Dual output super-mini signal conditioners

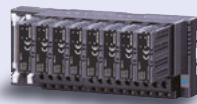
M8 Series (Pico-M)



40 models



Super-mini Signal Conditioners M80 Series



6 models



Terminal Block Type Compact Signal Conditioners

Super-mini terminal block signal conditioners

M5 Series



49 models



UK CA

Terminal block dual output signal conditioners

W5 Series



8 models



Base-free Interconnecting Ultra-Slim Signal Conditioners

M60 Series



6 models

Front-configurable Signal Conditioners

MX-UNIT Series



12 models



Limit Alarms

Programmable Alarms



Alarms with LED display AS4 Series

6 models



US

OEL display



Compact alarms with OEL display M1EA Series

2 models



OEL display



Compact alarms with OEL display M2EA Series (Mini-M)

6 models



Thumbwheel Switch Adjustments Type Alarms



12 models

Direct sensor input analog alarms AE-UNIT Series



Ultra-Slim Surge Protector

MD7 Series



MD7AST, MD7ST etc.

17 models



Surge Protector with Life Monitor

MAA, MDM2A etc.



13 models

Field Transmitter Cable Conduit Mount Surge Protector

MD6N, MD6P, MD6T etc.



LED Products

MGMT's products.



Limited to Japanese market

Remote I/O

Plug-in Remote I/O
R10 Series



2 models
CE

Compact, Mixed Signal Remote I/O
R30 Series



15 models
CE

Multi-channel, Mixed Signal Remote I/O
R3 Series



119 models
CE

Expandable, Compact Remote I/O
R7 Series



273 models
CE cNus

Ultra-slim, Mixed Signal Remote I/O
R6 Series



33 models
CE

Wireless-compatible equipments

For limited markets

900, 920 MHz Band
Multi-hop Wireless System



Network Device



One-Port Lightning Surge Protector for Power Supply



MAKN, MAT3 etc.

PID Control Components

Multi-function PID Controllers
SC Series



9 models
CE

ABL



Limited to Japanese market

Temperature Controllers



In-panel type
Temperature controller
R3-TC2



On-panel type
1/4 DIN size, Temperature controller
TC10EM

96 mm
(3.78")
square size
(1/4 DIN size)

CE

Final Control Components

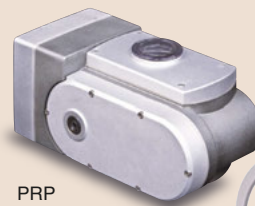
Electric Actuators
MSP/MRP Series



24 models

CE
UK
D

CC-Link DeviceNet
Modbus



PRP
CE



Electric Actuators
PSN/PRP Series

PRP-2

5 models



CE

Position Sensors
2-wire Position Transmitter
VOS2T



Manual Loaders
Analog backup station
ABF3





M-System's website provides full of product information with convenient tools.
www.m-system.com

Specification information search

You can search data sheets, instruction manuals, etc. and compare the specifications of desired models by entering the model numbers or keywords. You can also narrow your search from the product category.

Product introduction per category

Introduces M-System's all products classified by category.

Search from application areas

M-System introduces application examples of products classified by application area.

Download

You can gain access to M-System's download pages, such as the Product Catalog, Software Download & Upgrade, and Data Sheet Download (by Series) pages.



Versatile websites in other languages as well.

M-System provides product information in English, Japanese, Chinese, and Korean.



Japanese



Chinese



Korean



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