



MCRPL series MCRPLF series

Bore size: $\varnothing 16\text{--}\varnothing 40$ Bore size: $\varnothing 16\text{--}\varnothing 63$

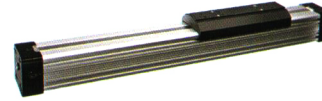
- 50% space-savings.
- Reed switches available.
- Multi ported end caps as standards.
- Many mounting options available.



MCRPLS series

Bore size: $\varnothing 32\text{--}\varnothing 63$

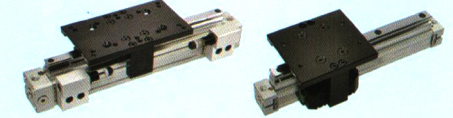
- High resistance to wear.
- Ability to take high loads & moments in all directions.
- Low weight.
- Ability to take shock loadings and vibrations against blows and vibrations.



WITH LINEAR GUIDE

MCRPLK series Bore size: $\varnothing 16\text{--}\varnothing 40$

- 50% space saving when compared to conventional cylinders.
- End caps with 3 air connections and adjustable cushioning.
- Load strength is higher than MCRPLF series (about 4 Multiple).
- Magnetic as standard.



MAGNETICALLY COUPLED

MCRPM series

(Without switch type, double acting)
Bore size: $\varnothing 10\text{--}\varnothing 40$

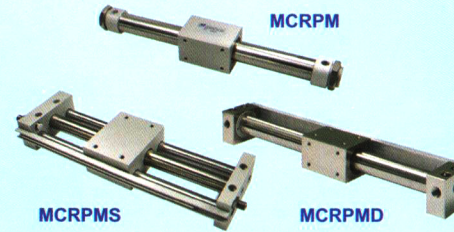
MCRPMD series

(With switch type, double acting)
Bore size: $\varnothing 10\text{--}\varnothing 32$

MCRPMS series

(With / Without switch type, double acting)
Bore size: $\varnothing 10\text{--}\varnothing 25$

- 50% space saving.
- Magnetic transit design. Magnetic force transmits the movement with piston side magnet and slider magnet.
- Stainless tube, light weighted and durable.



DISTRIBUTED CONTROL SYSTEM

MA-118* series

- Support start-up screen (108×64 pixels)
- Password protection, copy protection.
- 104 LED integrated functions, 97 LD integrated functions, pre-tested functions.
- Linking of 1024 function block is possible.
- Flexibly expandable up to 10000 points.



INDUSTRIAL COMMUNICATION

MA-15 series**

- Auto tuner baud rate, 300~115200bps.
- 3000VDC isolation protection.
- ESD protection.
- No external power supply (USB type)
- Fully compliant with USB 1.1 / 2.0



REMOTE MODULES

MA-10 series**

- RS-485 Interface.
- Supports Modbus RTU / ASCII.
- Isolation voltage: 5000V DC.
- Dual watchdog timer.
- Suger, EFT and ESD protection.



RADIO REMOTE MODULES

MA-3016 series

- Frequency control: Crystal
- Low power indicator.
- Operation range: up to 100 meters.
- Supports Modbus RTU / ASCII.
- Free PC software Mindman Utility.



TEXT PANEL

MATP series

- Plug-and-Play.
- Support start-up screen.
- RS-485 Interface.
- Full support MA-1188 / 1189 series controller.
- Resolution: 192×64 pixels.
- Dual watchdog timer.
- Brightness: 60 cd/m²

