

- Connect up to 8 RD rotary actuators
- Set the parameters of each actuator
- Edit and save the recipes
- Simultaneously start the changeover process in all actuators



Order code: LDT10

ENVIRONMENTAL SPECIFICATIONS

| | |
|------------------------------|---------------------------|
| Operating temperature range: | -10°C +60°C (14°F +140°F) |
| Storage temperature range: | -10°C +60°C (14°F +140°F) |
| Protection: | IP65 front, IP20 back |

MECHANICAL SPECIFICATIONS

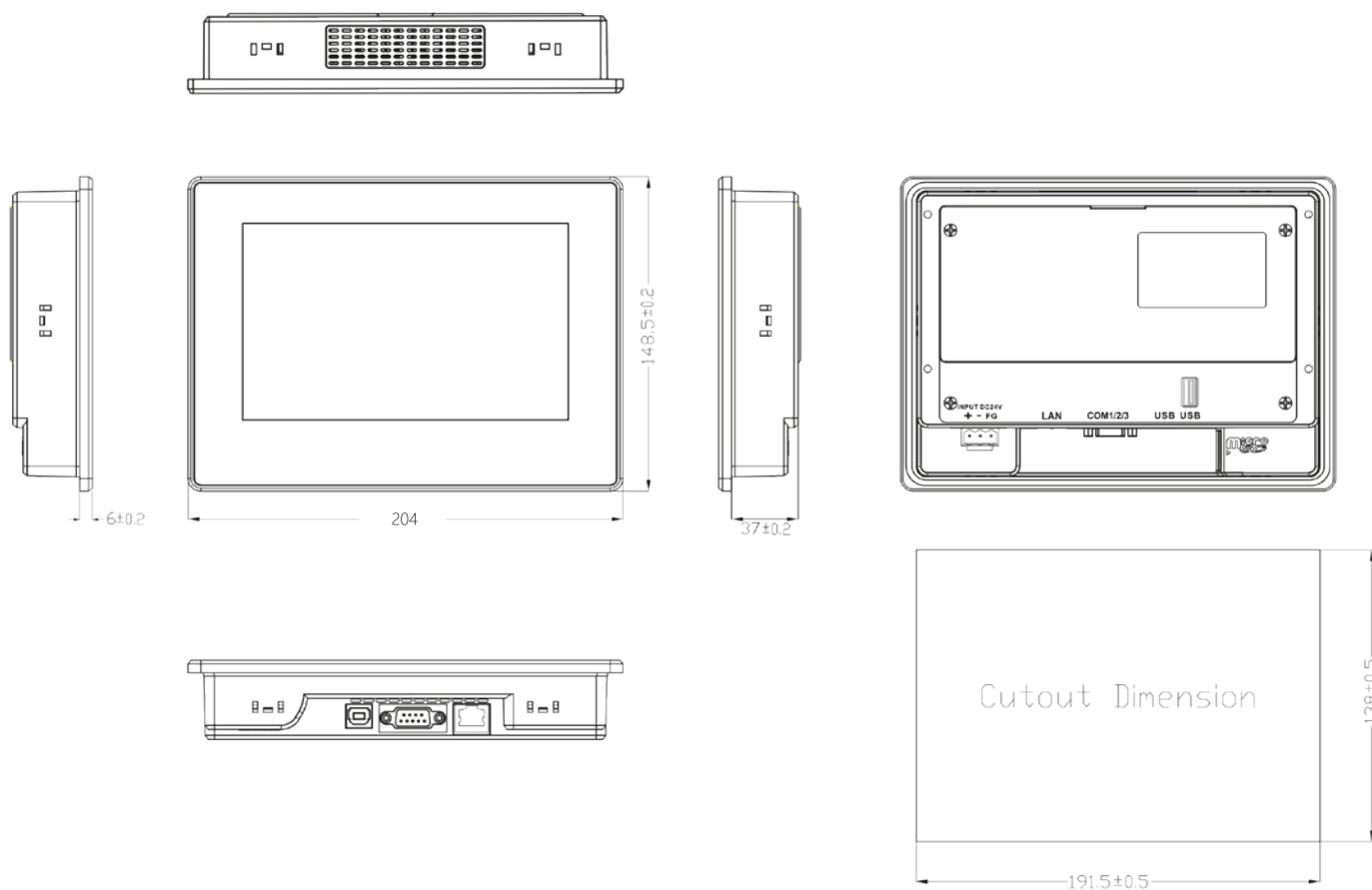
| | |
|-------------|---|
| Dimensions: | 204 x 148.5 x 43 mm |
| Cut out: | 191.5 x 138 mm |
| Display: | TFT LCD backlight, touchscreen 800 x 480 max. colors 16 bit |

ELECTRICAL SPECIFICATIONS

| | |
|--------------------|---|
| Power supply: | +24Vdc ± 10% |
| Consumption: | 20 W (without RD) |
| Service interface: | RS485, Modbus |
| USB: | 1 slot for update and software transfer |

ACCESSORIES

see complete list on pages 26-27



LDT10

ACCESSORIES FOR RD1A, RD12A, RD5, RD53 SERIES

| Order code | Description |
|-----------------------------|---|
| CC-RD-PB | (Profibus) Mating connectors for RD1xA/RD5 (Bus IN, Bus OUT, PWR) |
| CC-RD-PB-90 | (Profibus) 90° mating connectors for RD1xA/RD5 (Bus IN, Bus OUT, PWR) |
| CC-RD-CB/MB | (CANopen/Modbus RTU) Mating connectors for RD1xA/RD5 (Bus IN/OUT) |
| CC-RD-CB/MB-90 | (CANopen/Modbus RTU) Mating connectors 90° for RD1xA/RD5 (Bus IN/OUT) |
| CC-RD-EC | (Ethernet) Mating connector for RD1xA (Bus IN, Bus OUT, PWR) |
| CC-RD-EC-90 | (Profibus) 90° mating connector for RD1xA/RD5 (Bus IN, Bus OUT, PWR) |
| E-M12FC | M12 5 pin power supply connector for RD1xA/RD5 |
| E-M12FC-90 | M12 5 pin power supply connector 90° for RD1xA/RD5 |
| E-M12F8 | M12 8 pin service interface+I/O's connector for RD1xA |
| E-M12F8-90 | M12 8 pin service interface+I/O's connector 90° for RD1xA |
| EC-M12FC-S37-P3-5 | Power supply connector with cable 5m |
| EC-M12FC-S37-P3-10 | Power supply connector with cable 10m |
| EC-M12FC-S37-P3-20 | Power supply connector with cable 20m |
| EC-M12F8-LK-M8-5 | RD1xA Service port (RS232, I/O's) connector with cable 5m |
| EC-M12F8-LK-M8-10 | RD1xA Service port (RS232, I/O's) connector with cable 10m |
| EC-M12F8-LK-M8-15 | RD1xA Service port (RS232, I/O's) connector with cable 15m |
| EC-M12F8-LK-M8-20 | RD1xA Service port (RS232, I/O's) connector with cable 20m |
| IF92 | Actuator/PC interface box RS232 > USB conversion |
| EC-RD1A-M12F8 | Cable for connection from RDxx > IF92 > USB/PC |
| EXC-USB4-S54-GN-2-M12MC-S54 | Connection cable RDxx Modbus RTU RS485 to USB/PC |

ACCESSORIES FOR RD4 SERIES

| Order code | Description |
|--------------------|--|
| CC-RD4-PB | (Profibus) Mating connectors (Bus IN/OUT, PWR) |
| CC-RD4-PB-90 | (Profibus) 90° mating connectors (Bus IN/OUT, PWR) |
| CC-RD4-CB/MB | (CANopen/Modbus RTU) Mating connectors (Bus IN/OUT, PWR) |
| CC-RD4-CB/MB-90 | (CANopen/Modbus RTU) Mating connectors 90° (Bus IN/OUT, PWR) |
| E-M163F | M16 3 pin connector for power supply |
| E-M163F-90 | M16 3 pin connector 90° for power supply |
| E-M12F8 | M12 8 pin connector for I/O's (optional) |
| E-M12F8-90 | M12 8 pin connector 90° for I/O's (optional) |
| EC-M163F-S37-P3-5 | Power supply connector with cable 5m |
| EC-M163F-S37-P3-10 | Power supply connector with cable 10m |
| EC-M163F-S37-P3-20 | Power supply connector with cable 20m |
| EC-M12F8-LK-M8-5 | Service port (I/O's) connector with cable 5m |
| EC-M12F8-LK-M8-10 | Service port (I/O's) connector with cable 10m |
| EC-M12F8-LK-M8-15 | Service port (I/O's) connector with cable 15m |
| EC-M12F8-LK-M8-20 | Service port (I/O's) connector with cable 20m |
| IF91 | Encoder/PC interface box Modbus RTU > USB conversion |
| EC-RD4-M12FC | Cable for connection from RD4 > IF91 > USB/PC |

ACCESSORIES FOR RD6 SERIES

| Order code | Description |
|-----------------------------|--|
| CC-RD6-CB/MB | (CANopen/Modbus RTU) Mating connectors (Bus IN/OUT, PWR) |
| CC-RD6-PB | (Profibus) Mating connectors (Bus IN/OUT, PWR) |
| CC-RD6-EC | (Ethernet) Mating connectors (Bus IN/OUT, PWR) |
| E-M18F4 | Power supply mating connector |
| EC-M12F8-LK-M8-5 | Service port (RS232) connector with cable 5m |
| EC-M12F8-LK-M8-10 | Service port (RS232) connector with cable 10m |
| EC-M12F8-LK-M8-15 | Service port (RS232) connector with cable 15m |
| EC-M12F8-LK-M8-20 | Service port (RS232) connector with cable 20m |
| IF92 | Actuator/PC interface box RS232 > USB conversion |
| EC-RD6-M12F8 | Cable for connection from RD6 > IF92 > USB/PC |
| EXC-USB4-S54-GN-2-M12MC-S54 | Connection cable RDxx Modbus RTU RS485 to USB/PC |

**RD1A, RD12A, RD5, RD53 RD4, RD6
PROFIBUS & CANOPEN CORDSETS FOR ROTARY ACTUATORS**

| Order code | Description |
|---------------------|--|
| EC-M12MP-LK-PB-5 | Profibus, M12 male connector with cable 5 m |
| EC-M12MP-LK-PB-10 | Profibus, M12 male connector with cable 10 m |
| EC-M12MP90-LK-PB-5 | Profibus, M12 90° male connector with cable 5 m |
| EC-M12MP90-LK-PB-10 | Profibus, M12 90° male connector with cable 10 m |
| EC-M12FP-LK-PB-5 | Profibus, M12 female connector with cable 5 m |
| EC-M12FP-LK-PB-10 | Profibus, M12 female connector with cable 10 m |
| EC-M12FP90-LK-PB-5 | Profibus, M12 90° female connector with cable 5 m |
| EC-M12FP90-LK-PB-10 | Profibus, M12 90° female connector with cable 10 m |
| EC-M12MC-LK-CB-5 | CANopen & Modbus RTU, M12 male connector with cable 5 m |
| EC-M12MC-LK-CB-10 | CANopen & Modbus RTU, M12 male connector with cable 10 m |
| EC-M12MC-LK-CB-15 | CANopen & Modbus RTU, M12 male connector with cable 15 m |
| EC-M12MC90-LK-CB-5 | CANopen & Modbus RTU, M12 90° male conn. with cable 5 m |
| EC-M12MC90-LK-CB-10 | CANopen & Modbus RTU, M12 90° male conn. with cable 10 m |
| EC-M12MC90-LK-CB-15 | CANopen & Modbus RTU, M12 90° male conn. with cable 15 m |
| EC-M12FC-LK-CB-5 | CANopen & Modbus RTU, M12 female connector with cable 5 m |
| EC-M12FC-LK-CB-10 | CANopen & Modbus RTU, M12 female connector with cable 10 m |
| EC-M12FC-LK-CB-15 | CANopen & Modbus RTU, M12 female conn. with cable 15 m |
| EC-M12FC90-LK-CB-5 | CANopen & Modbus RTU, M12 90° female conn. with cable 5 m |
| EC-M12FC90-LK-CB-10 | CANopen & Modbus RTU, M12 90° female conn. with cable 10 m |
| EC-M12FC90-LK-CB-15 | CANopen & Modbus RTU, M12 90° female conn. with cable 15 m |



**ETHERNET CORDSETS FOR ROTARY ACTUATORS
(Profinet, Ethercat, Powerlink, Ethernet-IP, Modbus)**

| Order code | Description |
|--------------------------|---|
| EC-M12ME-EC-GN-5 | M12 ethernet plug with 5 m cable |
| EC-M12ME-EC-GN-10 | M12 ethernet plug with 10 m cable |
| EC-M12ME-EC-GN-20 | M12 ethernet plug with 20 m cable |
| EXC-M12ME-EC-GN-5-RJ-EC | M12 ethernet plug + 5 m cable + RJ conn. |
| EXC-M12ME-EC-GN-10-RJ-EC | M12 ethernet plug + 10 m cable + RJ conn. |
| EXC-M12ME-EC-GN-20-RJ-EC | M12 ethernet plug + 20 m cable + RJ conn. |



LDT10 SERIES TOUCHSCREEN CONTROLLER

| Order code | Description |
|----------------------------|---|
| EXC-M12FC-LK-CB-5-D9M-S54A | LDT10 connection cable, RS232 port to M12 (female) with 5 m cable |
| EXC-M12MC-LK-CB-5-M12FC-LK | Cordset M12 male to M12 female with cable 5 m |