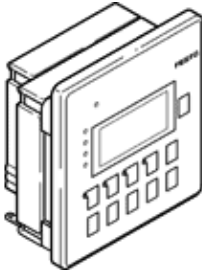


# Operator unit FED-50

Part number: 533531

FESTO

Display and control unit with LCD graphics panel for connection to PLC systems, 4 function keys.



## Data sheet

| Feature  | Value  |
|--|--|
| Depth  | 53 mm  |
| Height   | 109 mm   |
| Length   | 149 mm   |
| Max. front panel thickness                       | 5 mm   |
| User memory                                      | 512 kByte                                      |
| Number of user LEDs                              | 5  |
| Number of function keys                          | 4  |
| Number of system keys                            | 7  |
| Real-time clock                                  | Yes  |
| Event lists                                      | 256  |
| Recipe memory                                    | 16 Kilobyte                                    |
| Alarms   | 1,024  |
| Real-time clock deviation                        | 130 s / month                                  |
| Number of system LEDs                            | 4  |
| Display  | Monochrome LCD<br>With background illumination |
| Type of display                                  | 4 x 20 characters<br>Backlit LCD               |
| Display size                                     | 4 x 20 characters                              |
| Backup battery                                   | 3 V / 270 mA Lithium                           |
| Operating voltage range DC                       | 18 ... 30 V                                    |
| Display resolution                               | 120x32 Pixel                                   |
| Nominal operating voltage DC                     | 24 V   |
| Current consumption at nominal operating voltage | 0,25 A   |
| CE symbol (see declaration of conformity)        | according to EU-EMV guideline                  |
| Storage temperature                              | -20 ... 70 °C                                  |
| Relative air humidity                            | 5 - 85 %<br>non-condensing                     |
| Protection class                                 | IP65 front, IP20 back                          |
| Ambient temperature                              | 0 ... 50 °C                                    |
| Authorization                                    | RCM Mark                                       |
| Product weight                                   | 1,000 g  |
| AUX interface                                    | Sub-D<br>9-pin<br>Plug socket                  |
| PC interface                                     | RS232<br>Sub-D<br>15-pin<br>Plug               |
| Programming interface                            | 9,6 - 38,4 kBd                                 |
| PLC interface                                    | 15-pin<br>RS232<br>Plug                        |

| Feature   | Value                       |
|---|-----------------------------|
|   | Sub-D                       |
| Ethernet interface                                | Optional, 10 MBd            |
| Mounting type                                     | Front panel installation    |
| Materials note                                    | Conforms to RoHS            |
| Programming software                              | FED Designer 6.06 or higher |
| Explosion protection certification outside the EU | NEC 500 Class I, Div. 2     |