

# OP-8 Touch operator panel

## IEX-2 MODULE



|               |  |   |
|---------------|--|---|
| Model number: | <b>OP-8-B</b>  | Black tempered glass  |
|               | <b>OP-8-W</b>  | White tempered glass  |
|               | <b>OP-8C-B</b>                                       | Display support characters in Cyrillic, Black tempered glass  |
|               | <b>OP-8C-W</b>                                       | Display supports characters in Cyrillic, White tempered glass |
| Mounting:     | M4 installation box, wall (order code OP-8 Wall Kit) |   |
| Dimensions:   | 144x80x7mm   |   |

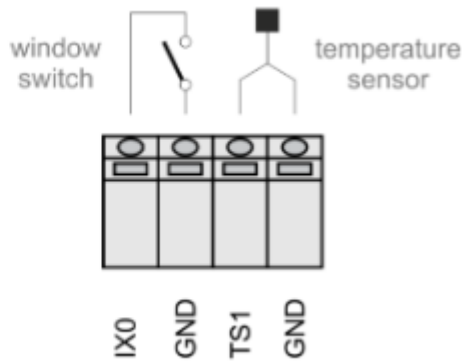
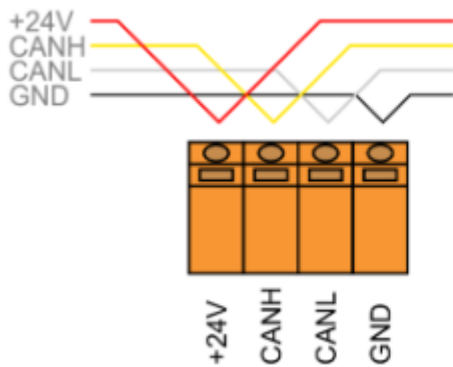
## Features

- IEX-2 module
- Touch operator panel
- LCD display 2×20 characters
- LCD display white/blue
- Temperature sensor
- Humidity sensor
- Light sensor
- IR receiver
- Beeper
- 1 switch/potentiometer input
- 1 temperature sensor input

# Technical specifications

|                                     |   |
|-------------------------------------|---|
| <b>Display</b>                      | LCD 2×20 characters   |
| <b>Characters size</b>              | 3x5mm   |
| <b>Keys</b>                         | 5 touch keys, tactile feedback  |
| <b>Backlight</b>                    | blue LED, adjustable 0...100%   |
| <b>IR receiver</b>                  | RC5 36kHz, receiving distance 5m  |
| <b>Input type</b>                   | dry contact, internal pull-up 12V 2mA,<br>analog input 0...10V (10bit, 0..1023) |
| <b>Temperature measurement</b>      | from 0°C to +50°C   |
| error:                              | 0.5°C typ.(0°C to +50°C, backlight at 20%)                                      |
| resolution:                         | 0.1°C (12bit)   |
| readout:                            | 0.1°C (254 equals 25.4°C)   |
| <b>Humidity measurement:</b>        | from 0 to 100%rh, non-condensing  |
| error:                              | 2% rh @25°C   |
| response time:                      | 15s   |
| stability:                          | 1% rh @ 50% rh in 5 years   |
| resolution:                         | 1% (7 bit)  |
| readout:                            | 1% rh (45 equals 45% rh)  |
| <b>External temperature sensor:</b> | ES-P, ES-B or ES-W  |
| <b>Power supply:</b>                | 24V (18..28V) 50mA  |
| <b>Degree of protection:</b>        | IP20  |
| <b>Operating conditions:</b>        | 0..50°C, 0..85% rh non-condensing   |
| <b>Storage temperature:</b>         | -20..75°C   |
| <b>Mounting:</b>                    | M4 installation box or wall   |
| <b>Dimensions:</b>                  | 144x80x7mm  |
| <b>Weight:</b>                      | 200g  |
| <b>Level of ambient pollution:</b>  | 2   |
| <b>Standards:</b>                   | EN 60730-1  |

## Terminals



# Optional- Wall mounting kit



Order code **OP-8 Wall Kit**

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