

pH Display

Category: HBPH-C1

Displaying pH level - 0...100 % as well as alarm indication for high level

Display with programmable settings from the front of the display

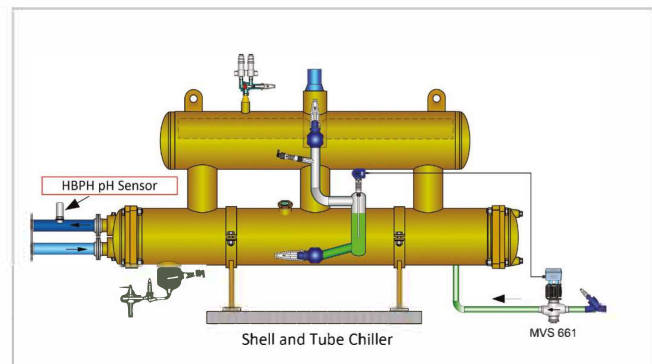
24 V AC/DC power supply.



Available in cabinet for 110/240 VAC supply

Functional description:

HBPH-C1 is a display designed for connection with the HBPH sensor. In the display, it is possible to calibrate and set up the alarm limit. The display is provided in a version for installation into the front of a panel, as well as a version built into the cabinet. The cabinet version has a 110/240 V supply and can be installed either indoors or outdoors.



Technical data

| Supply | HBLT-C1 | HBLT-C1-ENC |
|-----------------------------------|--|--|
| Voltage | 24 V AC/DC ± 10 % | 100..240 VAC |
| Frequency | 50/60 Hz | 50/60 Hz |
| Current consumption | Max 40 mA | Max 1.5 A |
| Connection | Screw terminal | Screw terminal |
| Wire size | < 2.5 mm ² | < 2.5 mm ² |
| Installation conditions: | | |
| Surrounding temperature | -20...+70°C | -20...+70°C |
| Protection class | IP45 | IP65 |
| Relative humidity | 20...80 % | 20...80 % |
| Approvals: | | |
| EMC Emission | EN61000-3-2 | EN61000-3-2 |
| EMC Immunity | EN61000-4-2 | EN61000-4-2 |
| Mechanical specifications: | | |
| Mounting | In front of panel | In a cabinet/box for mounting on a wall |
| External measurement | 96x96x94 mm (BxHxD) | 298x198x182 mm (BxHxD) |
| Cut-out measurement | 92.8x92.8 mm | N.A. |
| Material | Plastic | Plastic |
| Weight | 0.2 kg | 1.4 kg |
| Display: | | |
| Digit's display | 3 digits, red | 3 digits, red |
| Alarm indication | LED (green og red) | LED (green og red) |
| Programming | From front | From front |
| Updating | 1 time each second | 1 time each second |
| Input: | | |
| Analog input - sensor | 4-20 mA | 4-20 mA |
| Output: | | |
| Analog output | 4-20 mA | 4-20 mA |
| Load | 3A/24 VDC | 3A/24 VDC |
| Relay output | @24VAC/VDC: 3 x 3A @110 VAC: 3 x 5A @220 VAC: 3 x 5A | @24VAC/VDC: 3 x 3A @110 VAC: 3 x 5A @220 VAC: 3 x 5A |

Ordering code

| House Design | Ordering code |
|--|---------------|
| Display for pH sensor - 24 V DC power supply | HBPH-C1 |
| Display for pH sensor build in a cabinet and mounted with 110/240 V power supply | HBPH-C1-ENC |