

# Setup instruction

## Fully programmable loop powered 4 digits LED display

### Type LPI-01, LPI-02

1 INDICATOR PARAMETERS	3 CONFIGURATION																
<p>LPI-01 and LPI-02 are programmable displays designed for current loops of 4-20 mA. LPI-01 and LPI-02 are powered from the loop and do not require any other supply. The devices can be configured by setup menu to display physical value measured by the sensor. The displays LPI-01 and LPI-02 do not work with HART's protocol, they are transparent for him.</p>	<p>To enter menu press E button for 2sec. Press ↓ or ↑ button to change STEP position</p>																
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<p><b>2 TECHNICAL PARAMETRIC</b></p> <p>Operating range: 3.6 mA ... 20.4 mA            Power Supply: 24 Vdc            Max. voltage drop: 3,7 Vdc            Display LED: 4 digits, height 9,5 mm            Indication limits: between (-)1999 to (+)9999            Sampling time: between 1s to 10 s</p>	<p>STEP 2</p> <p></p> <p></p>																
<p><b>LPI-01</b></p> <p>Plug for connection to transmitter</p> <p>Buttons for setting up</p> <p><b>LPI-02</b></p> <p>Plug for connection to transmitter</p> <p>Buttons for setting up</p>	<p>STEP 3</p> <p></p> <p></p> <p>STEP 4</p> <p></p> <p><b>Setting overload limit „Li”</b></p> <ol style="list-style-type: none"> <li>Press E button</li> <li>Press the button ↓ or ↑ to change the value             <ol style="list-style-type: none"> <li>Set „0” for range 4 mA - 20 mA, the display shows:                 <ul style="list-style-type: none"> <li>- LO - when loop current &lt; 4 mA</li> <li>- HI - when loop current &gt; 20 mA</li> </ul> </li> <li>Set „1” for range 3.6 mA - 20.4 mA, the display shows:                 <ul style="list-style-type: none"> <li>- LO - when loop current &lt; 3.6 mA</li> <li>- HI - when loop current &gt; 20.4 mA</li> </ul> </li> </ol> </li> <li>Press E button.</li> </ol>																
<p><b>The connection diagram</b></p>	<p>STEP 5</p> <p></p> <p><b>Setting sampling rate „St”</b></p> <ol style="list-style-type: none"> <li>Press E button.</li> <li>Press the button ↓ or ↑ to change the sampling rate from 1 to 10 seconds (steps 1s).</li> <li>Press E button.</li> </ol> <p>STEP 6</p> <p></p> <p><b>Setup engineering „Unit”</b></p> <ol style="list-style-type: none"> <li>Press E button.</li> <li>Press the button ↓ or ↑ to select the unit:             <ul style="list-style-type: none"> <li>- nonE – for no unit on the display.</li> <li>- °C, °F, °K, %.</li> </ul>             (Measurement cycle works on 6s. Value is displayed for 4s, the unit is displayed for 2s).</li> <li>Press E button.</li> </ol> <p><b>Exit from menu and save settings press ↓ and ↑ buttons at the same time (possible from each page).</b></p>																