LT-JFH  Drop-in Intelligent Level Transmission Controller

Based on LT-J Drop-in Level Transmitter, LT-JFH Drop-in Intelligent Level Transmission Controller increases the intelligent level control meter which integrates microelectronic control technology to realize the unification of display, transmission and control. It features friendly interface, freely adjustable parameter, self-calibration, auto-diagnosis & alarm output. The most relay control output contacts realizable is up to 7 pairs. The user also can select backlight LCD or LED display according to requirements.

**Feature**
- Entirely intelligent, menu operation
- Zero and span adjustable, optional shift
- Able to set multi-pair of alarm contacts
- With malfunction auto-diagnosis & alarm output & self calibration

**Specification**

Measuring Range:
- Upper Limit: 5KPa (Min) ~ 7MPa (Max)
- Accuracy: 0.1, 0.2, 0.5
- Overpressure: 10 times of the span
- Terminal Housing: Aluminum Alloy
- Sensor Shell: SUS316L
- Output: 4~20mA
- Load Impedance < 500Ω
- Operation Type: 4-wire system
- Display Meter: LCD or LED
- Alarm Contacts: 1~7 pair
- Operation Voltage: 12~35VDC
- Ambient Temp.: -10~85°C
- Enclosure Class: IP65

**Electrical circuit diagram**

- Fig 1. 12-pin aeronautic socket
- Fig 1 Note:
  1~2: 24V power supply contact (1+, 2-)
  3~4: 4~20mA output
  Other: contact output

- Fig 2. 19-pin aeronautic socket
- Fig 2 Note:
  1~2: 24V power supply contact (1+, 2-)
  3~4: 4~20mA output
  Other: contact output

- Fig 3. 9-pin aeronautic socket
- Fig 3 Note:
  1~2: 24V power supply contact (1+, 2-)
  3~4: 4~20mA output
  Other: contact output

- Fig 4. Phoenix terminal
- Fig 4 Note:
  1~2: 24V power supply contact (1+, 2-)
  3~4: 4~20mA output
  5~6: shield to ground
  Others: contact output

**Display type of the meter**

- LED display
- LCD display (with backlight)
Order Information

The size of A, B, D can be customized

<table>
<thead>
<tr>
<th>Code</th>
<th>A</th>
<th>B</th>
<th>D</th>
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<td>Size (mm)</td>
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Aeronautic socket type
Phoenix terminal type

Order Information

LT-JFH

Meter display mode: E: LED  C: LCD
No. of meter contact set-points: 1~7
Outlet mode:
  C9: aeronautic socket (9-pin)
  C12: aeronautic socket (12-pin)
  C19: aeronautic socket (19-pin)
  D: Phoenix terminal

Span (KPa): __________
Medium: W. water  Y. oil  P. others
Cable length (mm): __________
Probe: __________
B: φ 26  S: φ 42
Connection flange:
(user can customize the dimension of the non-standard flange or other items)
Y: attached drawing or chart  Neglect: as per the configuration ex-works

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