

ZJ-10, ZJ-20, ZJ-30

Universal LED display powered via loop 4 to 20 mA

- Version for DIN rail or direct mounting on sensors (temperature/pressure) with ISO4400 connector.
- Possibility of built-in temperature transmitter for using with resistance or thermocouple sensors.
- Converts output current to numerical indication in selected units.
- Powered via output current loop.
- Configuration via three buttons.



Ordering table

Type		1 2 3 4 5
1. code	Description	
ZJ-10	LED display, version for DIN rail with built-in temperature transmitter, input: resistance or thermocouple sensors, output: 4 to 20 mA, loop-powered	
ZJ-20	LED display, version for DIN rail for connecting external transmitter, input: 4 to 20 mA, output: 4 to 20 mA, loop-powered	
ZJ-30	LED display for direct mounting on sensors (pressure/temperature with ISO4400 connector, include angle adapter, input: 4 to 20 mA, loop-powered	
Built-in transmitter (only for ZJ-10)		1 2 3 4 5
2. code	Description	
P5310 H10	universal programmable transmitter without galvanic isolation for resistance and thermocouple sensors, LHP communication, accuracy 0.1 %	
P5311 H10	universal programmable transmitter with galvanic isolation for resistance and thermocouple sensors, LHP communication, accuracy 0.15 %	
P5315 H10	universal programmable transmitter with galvanic isolation for resistance and thermocouple sensors, LHP communication, accuracy 0.07 %	
P5320 H10	universal programmable transmitter with galvanic isolation for resistance and thermocouple sensors, HART communication, accuracy 0.05 %	
PR5335A	universal transmitter PRETOP 5335 with galvanic isolation for resistance and thermocouple sensors, HART communication, accuracy 0.05 %	
9999	other transmitter with 4 to 20 mA output, loop-powered, version for mounting into head type B	
Output signal		1 2 3 4 5
3. code	Description	
CR	current 4 to 20 mA	

Software settings of display range

1 2 3 4 5

4. code	Description
NR	no settings required, display preset to 0.0 to 100.0 %
RL (__)	start of range (4 mA) enter value and units (°C, % or bar)
RH (__)	end of range (20 mA) enter value and units (°C, % or bar)

Software settings of built-in transmitter (only for ZJ-10)

1 2 3 4 5

5. code	Description
NR	no settings required (preset: Pt100, 3-wire connection, 0 to 100 °C or like display)
QR	range settings and other parameters of transmitter according questionnaire DB2298

Optional accessories and versions

1 2 3 4 5

Code	Description
TAG (__)	optional text label only for ZJ-10 and ZJ-20
LHPWinCom	set of configuration program LHPWinConf for PC and modem HARTMod
HARTWinCom	set of configuration program HARTWinConf for PC and modem HARTMod
LHPConf	field communicator for LHP transmitters, function of transmitter supply
HARTConf	HART-USB modem and field communicator for LHP and HART transmitters, function of transmitter supply supplied from USB or built-in accumulator, charged from USB
HARTMod	HART modem with galvanic isolation for interface RS232
USB-RS232	communication interface RS232 for connection to USB

Example of order:

**ZJ-10 P5315 H10 CR RL (-30 °C) RH (+50°C) TAG (T1 KOTEL)
ZJ-20 CR RL (0 bar) RH (1,6 bar) TAG (TLAK P2)**

