Kelepçeli Kafa Tipi LCD Göstergeli Sıcaklık Dönüştürücü

ORDEL

LPI20

LPI20 Model converters are industrial devices for temperature measurement in pipe applications in industrial environments and that convert this information with a standard two-wire 4-20mA analog signal. Process value can be monitored with the LCD indicator on it. Thermocouple and resistance thermometer type sensors can be connected to this device.

These devices are microprocessor based. SBA100 can be configured and used very easily on a computer with a USB-UART converter.

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Device Features

1 pcs Sensor Input (TC, RT)
1 pcs Analog Output (4-20mA)
1 pcs Semiconductor Relay Output
1 pcs 3½ LCD Display
Configuration via Computer

24V DC Supply
Two-Wire Connection

Structure Designed For Pipe Applications
According to Wide Range of Kinds of pipe Sizes
Surface Contact Spring Sensor Design
Sensor Maintenance without Shutting Down the System
Measuring Range -50...+300°C
Single or Double Element Sensor Selection
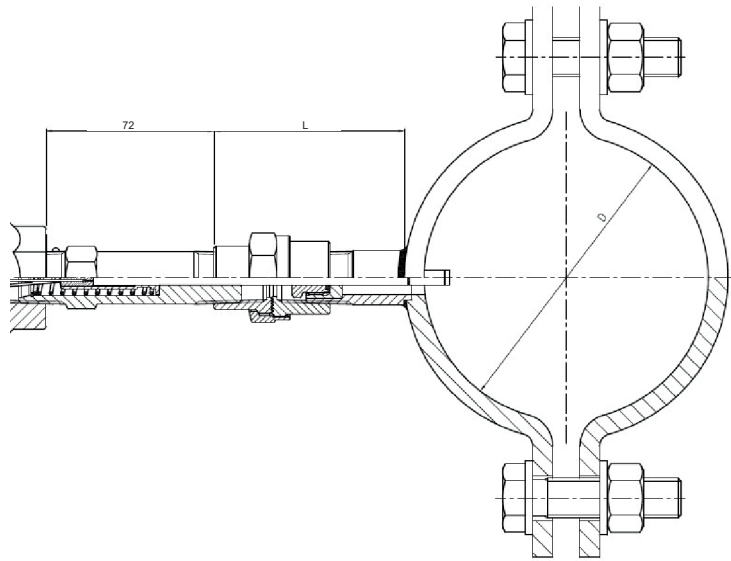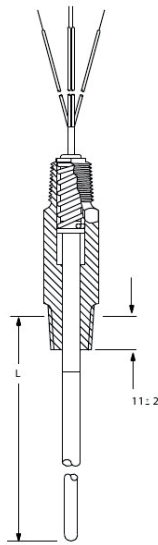Selection of components and equipment should be performed by the receiver.

Input Types

Sensor Type	Standard	Min.	Max.
Type-T (Cu-Const)	IEC60584	-200 °C	300 °C
Type-U (Cu-Const)	IEC60584	-200 °C	600 °C
Type-J (Fe-Const)	IEC60584	-200 °C	800 °C
Type-L (Fe-Const)	IEC60584	-200 °C	900 °C
Type-K (NiCr-Ni)	IEC60584	-200 °C	1200 °C
Type-E (Cr-Const)	IEC60584	-200 °C	1200 °C
Type-N (Nicrosil-Nisil)	IEC60584	0 °C	1200 °C
Type-S (Pt%10Rh-Pt)	IEC60584	0 °C	1500 °C
Type-R (Pt%13Rh-Pt)	IEC60584	0 °C	1600 °C
Type-B (Pt%18Rh-Pt)	IEC60584	0 °C	1800 °C
Pt-100	DIN 43760	-200 °C	850 °C

Configuration Via Computer

Technical Specifications

Power Supply (PS)	10-35 VDC
Input	Thermocouple = B, E, J, K, L, N, R, S, T, U Resistance Thermometer = Pt-100
Thermocouple Input Impedance	10MΩ
Analog Output	Current = 0/4-20mA , 20-4mA
Relay Output	250V, 80mA, NO Contact
Memory	100 Years, 100.000 Renewals
Accuaracy	+/- 0,2%
Sampling Time	100 ms
Environment Temperature	Working = -20...+70°C Storage = -40...+85°C

Sensor Technicial Specifications

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LPI15 Display

Product Code

LPI20 - _ / _

Element Type :
    A = A Class Pt-100
    B = B Class Pt-100

Clamp Diameter :
    1 = Between 100....200mm
    2 = Between 200....300mm
    3 = Between 300....500mm

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