

Process indicator

DA5-IU-C

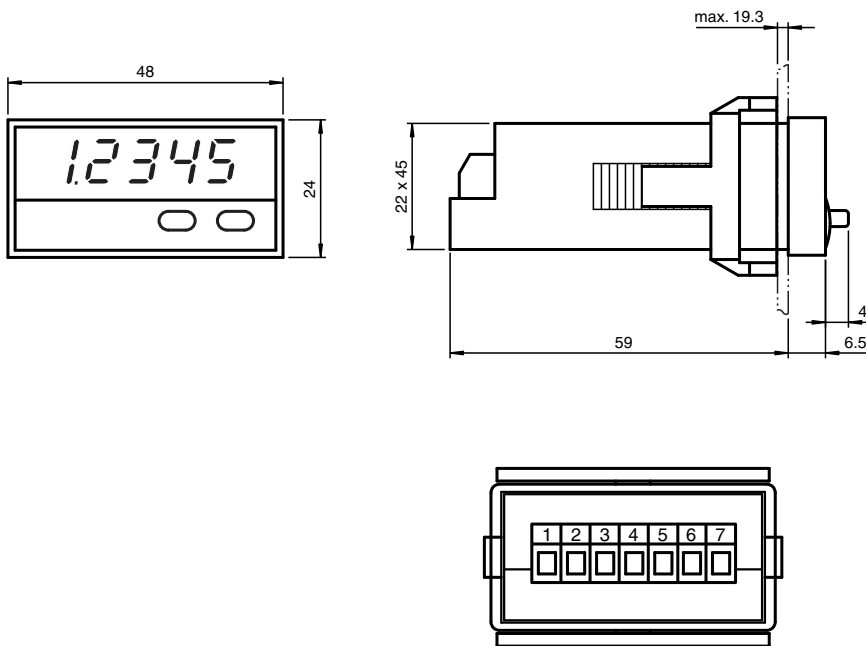


- Bright, high contrast 5-digit LED indicator
- Leading zero suppression
- Adjustable decimal point
- Maximum- and minimum-value display
- Integrated counter with specific scaling

Digital display unit



Dimensions



Technical Data

General specifications

Measuring frequency	10 measurements per second
Pre-selection	none
Data storage	10 ⁶ storage cycles or 10 years, EEPROM
Programming	keypad-driven menu

Indicators/operating means

Type	7-segment LED display, red
Number of digits	5
Display value	digit height 8 mm

Release date: 2020-03-24 Date of issue: 2020-03-26 Filename: 70103276_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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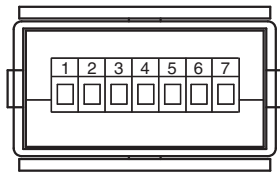
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Technical Data

Key interlock	-	
Display interval	-19999 ... 99999	
Decimal point	freely adjustable	
Resolution	14 Bit	
Scale factor	via linear characteristic curve	
Reset	maximum value, manually	
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Power consumption	P_0	1.5 VA
Input		
Impedance	1 MOhm	
Voltage	max. 30 DC	
Analog voltage input	0 ... 10 V / 2 ... 10 V DC	
Analog current input	0 ... 20 mA / 4 ... 20 mA	
Accuracy	< 0.1 % of the total measuring range at 20 °C	
Temperature influence	< 70 ppm/K _{ambient conditions}	
Ambient conditions		
Ambient temperature	-20 ... 65 °C (-4 ... 149 °F)	
Storage temperature	-25 ... 70 °C (-13 ... 158 °F)	
Relative humidity	≤ 80 % (noncondensing)	
Mechanical specifications		
Degree of protection	IP65 (front)	
Connection	7-pin screw terminal max. core cross section 0.34 ... 1.5 mm ²	
Mass	approx. 50 g	
Dimensions	48 mm x 24 mm x 65 mm	
Mounting	latch fastener/mounting frame	

Connection



Terminal No.	
1	10 ... 30 V DC
2	0 V (GND)
3	0 V LATCH
4	LATCH/RESET
5	Current input
6	0 V input signal
7	Voltage input

Additional Information

The DA5-IU-C permits a simple visual inspection by operating and maintenance personnel. It converts the analogue sensor output signal into a readable form for this purpose. Depending on the task or setting, 4 ... 20 mA or 0 ... 100 % values can be displayed.

Scope of delivery:

- Process control unit DA5-IU-C
- Screw terminal, 7-pin
- Clamp clip
- Seal
- 1 sheet of adhesive symbols