

Process control and indication equipment

DA6-IU-2K-C

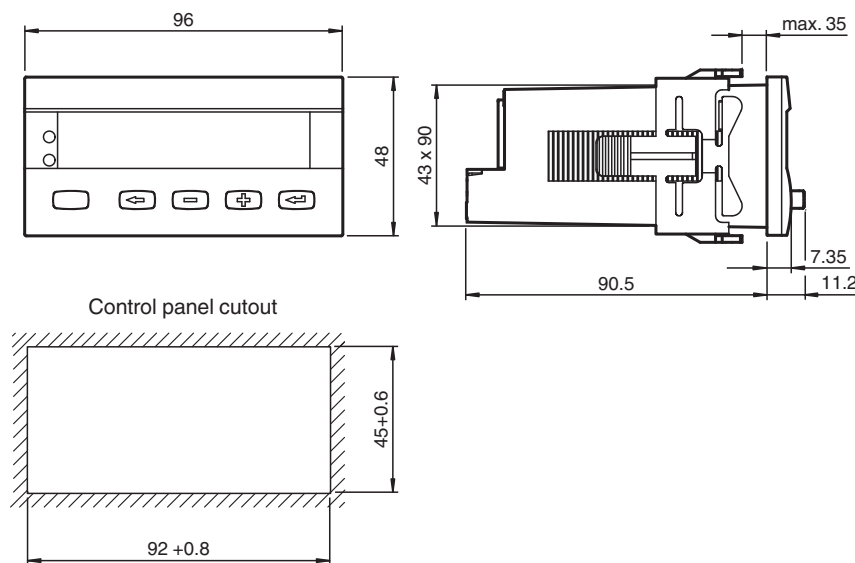


- 2 adjustable trip values
- 2 relay outputs
- Operation via keypad
- Characteristic programmable via 12 interpolation points
- Resetting the outputs, automatic, manual or with external signal
- Connection via plug-in screw terminals
- Auxiliary power output for sensors
- Degree of protection IP65 in accordance with DIN EN 60529 (front only)
- Shock resistance in accordance with DIN EN 60068-2-27
- Vibration resistance in accordance with DIN EN 60068-2-6
- System hum suppression

Process control and indication equipment



Dimensions



Technical Data

General specifications

Pre-selection	2-fold
Data storage	> 10 years, EEPROM
Programming	keypad-driven menu
Indicators/operating means	
Type	14-segment LED display, red

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

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Technical Data

Number of digits		6
Display value		digit height 14 mm
Key interlock		with "high"-level at terminal "KEY"
Display interval		-199999 ... 999999 with suppression of leading zeros
Decimal point		freely adjustable
Resolution		15 Bit
Scale factor		via characteristic curve with up to 12 value pairs
Reset		manually or external
Electrical specifications		
Fusing		T 0.4 A
Operating voltage	U _B	10 ... 30 V DC
Protection class		IP65 (front)
Power consumption	P ₀	3.8 W
Input		
Impedance		> 1 MΩ for voltage measurement 22 Ω + PTC 25 Ω for current measurement
Analog voltage input		0 ... 10 V / 2 ... 10 V DC, -10 ... 10 V DC
Analog current input		0 ... 20 mA / 4 ... 20 mA
Output		
Relay		changeover contact
Switching voltage		max. 250 V AC / 125 V DC min. 5 V AC / 5 V DC
Switching current		max. 5 A AC / 5 A DC min. 10 mA DC
Switching power		max. 1250 VA / 150 W
Sensor supply		15 V DC ± 1 %, 25 mA
Compliance with standards and directives		
Directive conformity		
EMC Directive 2004/108/EC		EN 61000-6-2:2006 DIN EN 55011:2009, Class B
Standard conformity		
Galvanic isolation		EN 61010-1:2010
Shock and impact resistance		EN 60068-2-27:2009 EN 60068-2-29:1995
Vibration resistance		EN 60068-2-6:2008
Ambient conditions		
Ambient temperature		-10 ... 50 °C (14 ... 122 °F)
Storage temperature		-20 ... 70 °C (-4 ... 158 °F)
Relative humidity		≤ 80 % (noncondensing)
Mechanical specifications		
Connection		8-pin and 9-pin connectors with screw terminals
Mass		180 g
Dimensions		96 mm x 48 mm x 102 mm
Mounting		mounting frame with latch fastener

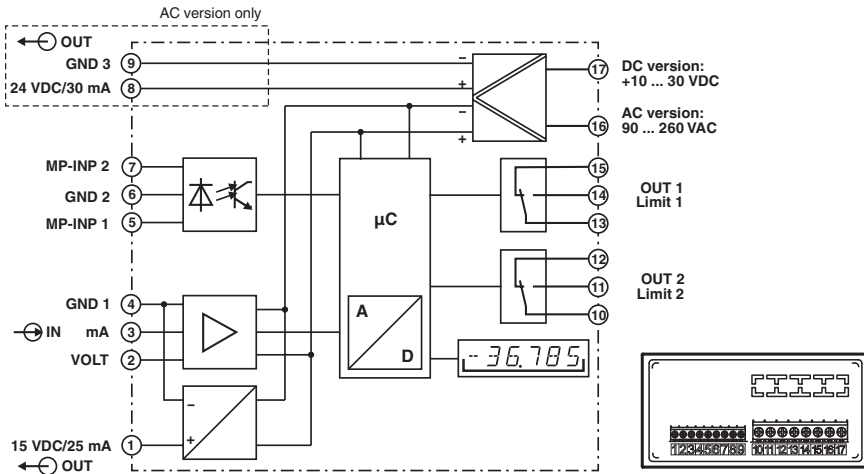
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Connection



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