



Process control and indication equipment

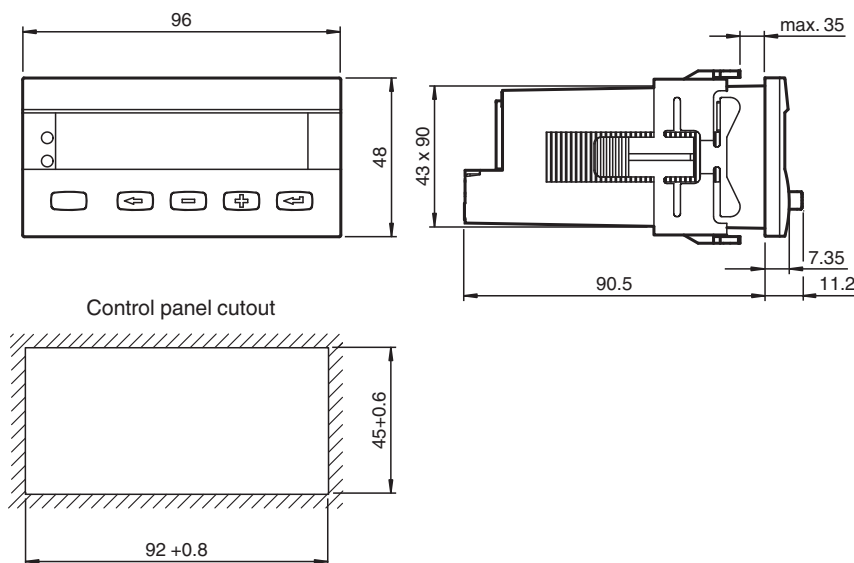
DA6-IU-2K-V

- 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)
- 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
Number of digits	6
Display value	digit height 14 mm

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

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Technical Data

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 0.1 A
Operating voltage	U _B	90 ... 260 V AC
Power consumption	P ₀	9 VA
Input		
Impedance		> 1 MΩ for voltage measurement < 50 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		24 V DC ± 15 %, 30 mA 15 V DC ± 1 %, 25 mA
Compliance with standards and directives		
Directive conformity		
EMC Directive 2004/108/EC		EN 61000-6-2:2006 (With shielded signal and control lines) DIN EN 55011:2009, Class B
Standard conformity		
Galvanic isolation		EN 61010-1:2010
Degree of protection		EN 60529:1991 + A1:2000
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		
Degree of protection		IP65 (front)
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

Connection

