K-DIGI DRUCKSCHA H 3 DURCHF PF2A

Digital Flow Switch high flow version PF2A

Properties

Design	Digital Flow Switch
Max. working pressure	-50 kPa
Rated voltage	24 V DC
operating display	3 digits, 7-Segment-LED lights at output signal = ON: OUT1: green, OUT2: red)
I/O cable	without connection cable
Protection IP	IP 65
Media temperature	0 °C to +50 °C
Ambient temperature	0 °C to +50 °C
Media	Air and nitrogen
Series	PF2A
More information	for air and nitrogen Three types of output: Switch, accumulated pulse and analog outputs \nSwitching of current flow to accumulated flow is possible



Description

Digital flow switch, series PF2A, for air and nitrogen, three output types: Switch, accumulated pulse and analogue outputs, switching from real-time flow rate to accumulated flow is possible, measuring range 1 to 10 l/min, media temperature 0 to 50 °C, operating temperature range 0 to 50 °C, repetition accuracy max. ±3% of the measuring range, temperature characteristic max. 5% of the measuring range. (0 to 50 °C, based on 25 °C), current consumption (no load) max. 170 mA, measuring principle thermistor (heating element), operating display 3-digit, 7-segment LED (illuminates at output signal ON OUT1: Green
OUT2: Red), operating pressure range –50 kPa... 0.5 MPa, switch output PNP open collector
internal voltage drop max. 1.5 V (at 80 mA working current)
2 outputs, supply voltage 12 to 24 VDC, protection class IP 65, connection size G 1/4

Item

Identification	Connecting thread	Measuring range	min. working pressure (MPa)	Current consumption max. (mA)	Repeatability
K- 07 50 00 34	G 1/4	1 bis 10 l/min	0,50	170	max. ±3 % from scale
K- 07 50 00 35	G 3/8	10 bis 100 l/min	0,50	170	max. ±3 % from scale
K- 07 50 00 39	G 3/8	20 bis 200 l/min	0,50	170	max. ±3 % from scale
K- 07 50 00 40	G 1/4	5 bis 50 l/min	0,50	170	max. ±1 % from scale
K- 07 50 00 41	G 1/2	50 bis 500 l/min	0,50	170	max. ±3 % from scale

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