

K-DIGI DRUCKSCHA H 3 DURCHF PF2A

Digital Flow Switch high flow version PF2A

HANSA FLEX

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 Switching 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. $\pm 3\%$ 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. $\pm 3\%$ from scale |
| K- 07 50 00 35 | G 3/8 | 10 bis 100 l/min | 0,50 | 170 | max. $\pm 3\%$ from scale |
| K- 07 50 00 39 | G 3/8 | 20 bis 200 l/min | 0,50 | 170 | max. $\pm 3\%$ from scale |
| K- 07 50 00 40 | G 1/4 | 5 bis 50 l/min | 0,50 | 170 | max. $\pm 1\%$ from scale |
| K- 07 50 00 41 | G 1/2 | 50 bis 500 l/min | 0,50 | 170 | max. $\pm 3\%$ from scale |