

# K-DIGIT DRUCKSCHA H 3DURCHF IA PF2A

Digital Flow Switch PF2A

**HANSA FLEX**

## Properties

<b>Design</b>	Digital Flow Switch
<b>Max. working pressure</b>	0,1 MPa
<b>Rated voltage</b>	24 V DC
<b>operating display</b>	3 digits, 7-Segment-LED lights at output signal = ON: OUT1: green, OUT2: red)
<b>I/O cable</b>	without connection cable
<b>Protection IP</b>	IP 65
<b>Media temperature</b>	0 °C to +50 °C
<b>Ambient temperature</b>	0 °C to +50 °C
<b>Media</b>	Air and nitrogen
<b>Series</b>	PF2A
<b>More information</b>	for High flow Integrated Display Type



## Description

Digital flow switch for high flow, series PF2A, for air and nitrogen, with integrated display unit, measuring range 150 to 3000 l/min, smallest adjustment unit 5 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.  $\pm 2\%$  of the measuring range. (0 to 50 °C, based on 25 °C), current consumption max. 150 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 0.1 to 1.5 MPa, switch output PNP open collector 1 output and 1 analogue output (1 to 5 V), with function to switch over the display unit, supply voltage 24 V DC, protection class IP 65, connection cable not included, connection size G 1 1/2

## Item

Identification	Connect- ing thread	Output signal	adjustment unit [min]	Measuring range	min. work- ing pressure	Rated voltage/ current type	Current con- sumption max. (mA)	Repeatability
			(L/min)		(MPa)			
K-07 50 00 28	G 1	PNP + Analog output (1-5V)	5,00	150 bis 3000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale
K-07 50 00 29	G 1	PNP + Analog output (4-20mA)	5,00	150 bis 3000 l/min	1,50	-	150	max. $\pm 3\%$ from scale
K-07 50 00 31	G 1 1/2	PNP + Analog output (1-5V)	10,00	300 bis 6000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale
K-07 50 00 32	G 1 1/2	PNP + Analog output (4-20mA)	10,00	300 bis 6000 l/min	1,50	-	150	max. $\pm 3\%$ from scale
K-07 50 00 36	G 2	PNP + Analog output (1-5V)	10,00	600 bis 12000 l/min	1,50	24 VDC	150	max. $\pm 3\%$ from scale
K-07 50 00 37	G 2	PNP + Analog output (4-20mA)	10,00	600 bis 12000 l/min	1,50	-	150	max. $\pm 3\%$ from scale