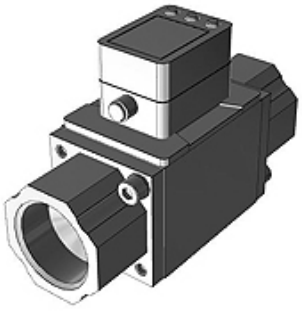
K-DIGIT DRUCKSCHA BN WASSER PF3W

Digital flow switch for water PF3W

Properties

Design	Digital Flow Switch
guide type	integrated display
Max. working pressure	0,0 MPa
min. working pressure	1 bar
Rated voltage	24 V DC
Current consumption	50 mA
operating display	2-line display (1st line: 4 digits, 7 segments, 2-color red / green 2 lines: 6 digits, 11 Segmente, white) Indicator light output 1.2: orange, with switching function display An awareness
I/O cable	without connection cable
Measuring type	Karman vortex
Test pressure	1,50 MPa
Protection IP	IP 65
Media temperature	0 °C to +90 °C (without condensate or freezing)
Media	Water and ethylene glycol aqueous solution (having viscosity max. 3 mPa · s [3 cP])
Series	PF3W
More information	Compact design in steps of 45 ° rotatable display for flexible installation location Measuring principle: Karman vortex



Description

Digital flow switch, series PF3W7, for water, compact design, 45° step rotatable display for flexible installation position, no calibration necessary, measuring principle: Karman vortex, measuring range: 0.5 to 4.0 l/min, smallest adjustment unit: 0.01 l/min, media temperature: 0 to 90 °C (no condensation and no freezing), repetition accuracy max. ±2% of the measuring range, operating temperature range 0 to 50 °C, temperature characteristic max. 5% of the measuring range (based on 25 °C), switch output PNP open collector.
Display method: Display with 2 lines (1st line: 4 digits, 7 segments, 2-colour red/green
2nd line: 6 digits, 11 segments, white), operating display output 1.2: orange, with function to switch over the display unit, approvals: CE marking, UL (CSA), RoHS, connection size G 1, weight: 860 g / 945 g (no cable / with cable), with temperature sensor

Item

Identification	Connecting thread	Design	Adjustment range	adjustment unit [min] (L/min)	Measuring range	Repeatability	Weight per m (kg)
K- 07 50 00 42	G 3/8	-	0,01 L/min	0,01	0.5 bis 4.0 l/min	±5 % from scale (benchmark 25 °C)	0,295
K- 07 50 00 46	G 1/2	-	0,1 L/min	0,10	2 bis 16 l/min	±2 % from scale (benchmark 25 °C)	0,345
K- 07 50 00 48	G 3/4	Separate sensor unit	0,1 L/min	0,10	5 bis 40 l/min	±2 % from scale (benchmark 25 °C)	0,410
K- 07 50 00 44	G 1	-	1 L/min	1,00	10 bis 100 l/min	±5 % from scale (benchmark 25 °C)	0,805

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