

# K-DIGIT DRUCKSCHA BN WASSER PF3W

Digital flow switch for water PF3W

**HANSA FLEX**

| Caracteristici          |  |
|-------------------------|--|
| Tip constructiv         | Digital Flow Switch  |
| Tip de ghidaj           | integrated display   |
| presiune max. de lucru  | 0,0 MPa  |
| Presiune de lucru min.  | 1 bar  |
| Tensiune nominală       | 24 V DC  |
| Consum de curent        | 50 mA  |
| Afișaj de funcționare   | 2-line display<br>(1st line: 4 digits, 7 segments, 2-color red / green<br>2 lines: 6 digits, 11 Segmente, white)<br>Indicator light output 1.2: orange, with switching function display An awareness |
| Cablu de pornire/oprire | without connection cable   |
| Principiu de măsurare   | Karman vortex  |
| Presiunea de încercare  | 1,50 MPa   |
| Tip de protecție        | IP 65  |
| Temperatură mediu       | 0 °C to +90 °C (without condensate or freezing)  |
| Medii                   | Water and ethylene glycol aqueous solution (having viscosity max. 3 mPa · s [3 cP])  |
| Serie                   | PF3W   |
| Alte date               | Compact design<br>in steps of 45° rotatable display for flexible installation location<br>Measuring principle: Karman vortex   |



## Descriere

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

## Articol

| Denumire       | Filet de conectare | Execuție             | Domeniu de reglare | Unitate de reglare [Min] (L/min) | Domeniu de măsurare | Precizia repetării                | Greutate 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               |