

## HONSBERG OMNIPLUS-F FLOW SENSOR

OMNIPLUS-F012VK100

Push-in sensor Ø 2, L = 100 mm

- for liquids upto 100 Bar
- Flow range 0.02 to 3 m/s
- Connection type from Push-in to threaded G1/2
- IO-Link interface



### Product description

OMNIPLUS is a thermal flow sensor using the calorimetric measuring principle for the measurement of the flow velocity, the temperature and the volume of liquid media.

The OMNIPLUS features IO-Link interface offering digital sensor communication within an automation system.

### Specifications

|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Adjustment range max</b>   | 100                                |
| <b>Approvals</b>              | CE                                 |
| <b>Connection</b>             | G1/4                               |
| <b>Display Material</b>       | Tempered mineral glass             |
| <b>Electrical Connection</b>  | Round plug connector M12x1 / 5-pin |
| <b>Flow Range Max</b>         | 300                                |
| <b>Flow Range Min</b>         | 2                                  |
| <b>Function</b>               | Calorimetric / Thermal             |
| <b>Head material</b>          | Stainless steel 1.4305             |
| <b>IP Class</b>               | IP67                               |
| <b>Material Chain</b>         | POM                                |
| <b>Material of body</b>       | Stainless steel 1.4305             |
| <b>Materials Wetted Parts</b> | Stainless steel 316Ti (1.4571)     |
| <b>Max. pressure</b>          | 40                                 |
| <b>Output</b>                 | 4....20mA                          |
| <b>Power Consumption</b>      | 130                                |
| <b>Pressure Range Max</b>     | 0                                  |

|                                 |                |
|---------------------------------|----------------|
| Pressure Range Min              | 100            |
| Temperature ambient from        | -20            |
| Temperature ambient to          | 70             |
| Temperature range of media from | -20            |
| Temperature range of media to   | 100            |
| Type of flow component          | Flow Measuring |
| Weight                          | 0.3            |
| Voltage DC max                  | 30             |
| Voltage DC min                  | 18             |