

## HONSBERG OMNIPLUS-F FLOW SENSOR

OMNIPLUS-F013TK031

- 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.

### TECHNICAL DATA

|                          |                                    |
|--------------------------|------------------------------------|
| Adjustment range max     | 100 bar                            |
| Approvals                | CE                                 |
| Connection type          | G1/4                               |
| Electrical connection    | Round plug connector M12x1 / 5-pin |
| Flow range max           | 300 cm/s                           |
| Flow range min           | 2 cm/s                             |
| Function                 | Calorimetric / Thermal             |
| Head material            | Stainless steel 1.4305             |
| IP class                 | IP67                               |
| Material chain           | POM                                |
| Material display         | Tempered mineral glass             |
| Material of body         | Stainless steel 1.4305             |
| Material of wetted parts | Stainless steel 316Ti (1.4571)     |
| Power consumption        | 130 mA                             |
| Pressure max             | 100 bar                            |
| Pressure range max       | 0 bar                              |
| Pressure range min       | 100 bar                            |

|                           |                |
|---------------------------|----------------|
| Signal outputs            | 4....20mA      |
| Temperature ambient from  | -20 °C         |
| Temperature ambient to    | 70 °C          |
| Temperature of media from | -20 °C         |
| Temperature of media to   | 100 °C         |
| Type of flow component    | Flow Measuring |
| Weight                    | 0.3 kg         |
| Voltage dc max            | 30 V           |
| Voltage dc min            | 18 V           |