

HONSBERG OMNIPLUS-F FLOW SENSOR

OMNIPLUS-F012VK100

- 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

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