

HONSBERG OMNIPLUS-F FLOW SENSOR

OMNIPLUS-F008HK028
screw-in sensor male thread G 1/4A

- 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 |

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|----------------------------------|----------------|
| 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 |