

## 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

<b>Adjustment range max</b>	100 bar
<b>Approvals</b>	CE
<b>Connection type</b>	G1/4
<b>Electrical connection</b>	Round plug connector M12x1 / 5-pin
<b>Flow range max</b>	300 cm/s
<b>Flow range min</b>	2 cm/s
<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 display</b>	Tempered mineral glass
<b>Material of body</b>	Stainless steel 1.4305
<b>Material of wetted parts</b>	Stainless steel 316Ti (1.4571)
<b>Power consumption</b>	130 mA
<b>Pressure max</b>	100 bar
<b>Pressure range max</b>	0 bar
<b>Pressure range min</b>	100 bar

<b>Signal outputs</b>	4....20mA
<b>Temperature ambient from</b>	-20 °C
<b>Temperature ambient to</b>	70 °C
<b>Temperature of media from</b>	-20 °C
<b>Temperature of media to</b>	100 °C
<b>Type of flow component</b>	Flow Measuring
<b>Weight</b>	0,3 kg
<b>Voltage dc max</b>	30 V
<b>Voltage dc min</b>	18 V