OEM Automatic Ltd
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HONSBERG OMNIPLUS-F FLOW SENSOR

OMNIPLUS-F008HK028
screw-in sensor male thread G ¼A



- 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
Voltage dc max	30 V
Voltage dc min	18 V
Weight	0.3 kg