

# DIGITAL FLOW METER HS2008D - DPLUS

## DESCRIPTION

### Flow - meter HS2008D.

The digital volumetric flow meter with nutating disk system, is used to measure diesel oil and other liquids compatibles with the constituent materials. Its working is based on the liquid passage through the measurement chamber that puts in motion the nutating disk placed inside it and, with a special transmission system, it generates a magnetic signal read from the electronic device. The innovative dial turns degree by degree in order to facilitate the reading in any mounting position of the instrument.

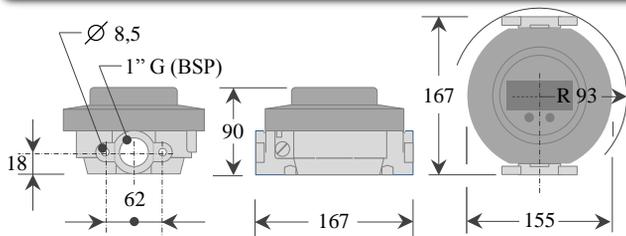
**The flow meters series HS2008D are for private use only and their use is forbidden in transactions with third parties - NOT FISCAL INSTRUMENTS -**

## FEATURES AND ADVANTAGES

- ✓ **HS2008D**, devoid of the **transmission shaft** that has been removed to prevent seals wear, liquid losses and a lower precision of the instrument
- ✓ **HS2008D**, allows to choose between different measure units : **LITRES, US GALLONS, PINTS** and **QUARTERS**
- ✓ **HS2008D**, allows to check at any time, the liquid flow rate instantly
- ✓ **HS2008D**, is easy to calibrate
- ✓ **HS2008D**, is the first digital flow meter that allows the numerator to rotate degree by degree respect to the body without being disassembled. For this reason, it fits every mounting need.
- ✓ **HS2008D**, is easy to install and it can be placed on tanks, pumps, rigid tubes, flexible tubes and even for gravity
- ✓ **HS2008D**, available in **Plus** version, with **NPN** multiple output (100 pulses/litre) and **RS232** bidirectional
- ✓ **HS2008D**, is the first digital flow meter that, in a simple and fast way, allows to switch to the multiple outputs version **HS2008D PLUS** and even to the **HS2008PE** version that provides a normally open contact



## DIMENSIONS



The data reported are indicative. **Hasley Plastic Technology S.r.l.** reserves the right to make changes to dimensions and characteristics without notice. It is forbidden to reproduce or copy the document without written authorization.

MADE IN ITALY

PATENT n° 0001391130



## INTERCHANGEABLES VERSIONS



## TECHNICAL FEATURES

Description	HS2008D / HS2008D PLUS
Partial counter	6 digits
Total counter	6 digits
Weight	HS2008D 1,24 Kg. ; HS2008D PLUS 1,25 Kg; HS2008PE 1,15 Kg
Mechanism	Nutating Disk
Flow rates litres/min	5-120
Max. operating pressure	3,5 bar
Bursting pressure	20 bar
Temperature	-10+50 °C
Accuracy/Repetitiveness	-/+ 0,5% / 0,3%
Measure units	<b>L</b> (Liters); <b>G</b> (U.S.Gallons); <b>Q</b> (Quarters); <b>P</b> (Pints)
Output data	<b>NPN</b> (100 pulses/liters) and <b>RS232</b> in the <b>HS2008D PLUS</b> version
Battery	3 V.
Attachment in/out	1" G (BSP)
Dimensions	155 x 167 x h 90 mm
Material in contact with the liquid	Al; PomGB; Pom; Ni (NdFeB); NBR;
Customizations/Special treatments	Require to the following email address, the "Product Customization Tab": info@hasley.it

**Hasley Plastic Technology S.r.l.**

Via Papa Giovanni XXIII n° 25; 41122 MODENA (MO); ITALY

Tel. (+39) 059 253698 – Fax. (+39) 059 2550459; E-mail address: info@hasley.it; Website: www.hasley.it