GENERAL CHARACTERISTICS

Calorimetric sensor type for the measurement of liquids and gases. The system is temperature compensated and microprocessor based. The absence of moving parts make it particularly suitable for use with contaminated fluids.

- Static measuring system.
- Analog output.
- LCD readout
- Compact and easy to install.
- IP67 protection.

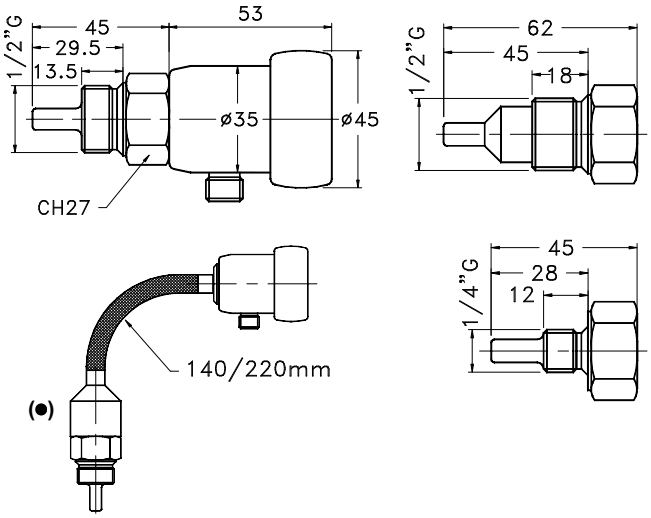
TECHNICAL DATA Tab.1

Measuring ranges cm/sec	Medium	PN bar	DN	
20 - 50	H_2O	200	Ø	**Code**
1 - 150	H_2O	200	1/4"	**008**
3 - 300	Oil	200	1/2"	**015**
Process connection	UNI 228/1 – Male			**H**

Bold = Standard values

Power supply	24 Vdc ± 10%	
Power consumption	< 1W	
Accuracy	± 10% F.S.	Ref. H_2O in a pipe with the straight section of 10xD upstream / downstream of the transmitter.
Repeatability	± 1%	
Output signal	4(0) – 20 mA 2(0) – 10 V	
Alarm threshold	PNP o NPN selectable	Adjustable on entire measuring range
Hysteresis	Adjustable	
Display	Graphic LCD 32x16 pixel	Warning LED
Medium temperature	-15 / +70 °C	-15 / +120 °C Option (●)
Ambient temperature	-20 / +60 °C	-20 / +80 °C Storage
Connection **S**	M12x1	4 poles
Degree of protection	IP67	

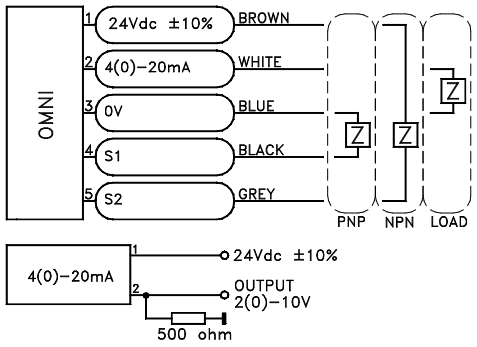
DIMENSIONS Tab.2



MATERIALS Tab.3

		Code
Body Connection and wet parts	Stainless steel - 1.4571	**K**
Display viewer	Hardened mineral glass	-
Setting ring	POM	-
Magnet	Samarium cobalt	-

WIRING



NOMENCLATURE

OMNI F	015	H	K	029	S		
●						-	Name - Type
	●					Tab.1	Process connections - DN
		●				Tab.1	Process connections - Thread
			●			Tab.3	Body material
				●		Tab.2	Probe length measured under the fixing wrench
					●	Tab.1	Electrical connection

K	**PU**	**02**	**S**	**G**	Connection cable 2m length with M12x1 plug	Accessory on request

We reserve the right to change the data without notice

BE#124/1-06/2011