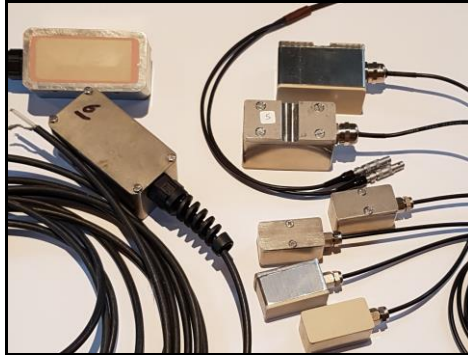




The Sonic Driver Clamp-on Flow Sensor Family



The Sonic Driver flow sensor family includes sensor frequencies and physical sizes to cover the range of pipe outer diameter 10 to 6500 mm.

The sensors are matched in production using sophisticated methods and our extensive knowledge of sensor design and performance to give excellent zero flow stability.

Materials of manufacture are chosen to give excellent stability with temperature, time and chemical tolerance.

The sensors have standard and optional; temperature range, cable length and Ingress Protection ratings.

Our Ingress protection IP68 is tested to 1.5 m for 30 minutes.

Sensor Selection

The sensor family includes 4 operating frequencies to cover the range of pipe outer diameter 10 to 6500 mm, see below table(1) and figure(1).

DM Sensors

- DM sensors, for pipes from 15 to 750 mm.
- Sensor dimensions 40 x 20 x 25 mm.
- Material stainless steel and PEEK.
- Temperature range, -10 to +80 degC.
- Ingress Protection rated IP66, with IP68 optional.
- Cable length 1.5m as standard, extensions optional.
- Lemo 00 plugs for connection to Portable flowmeter.

DN Sensors

- DN sensors, for small pipes from 10 to 100 mm.
- Sensor dimensions 40 x 20 x 25 mm.

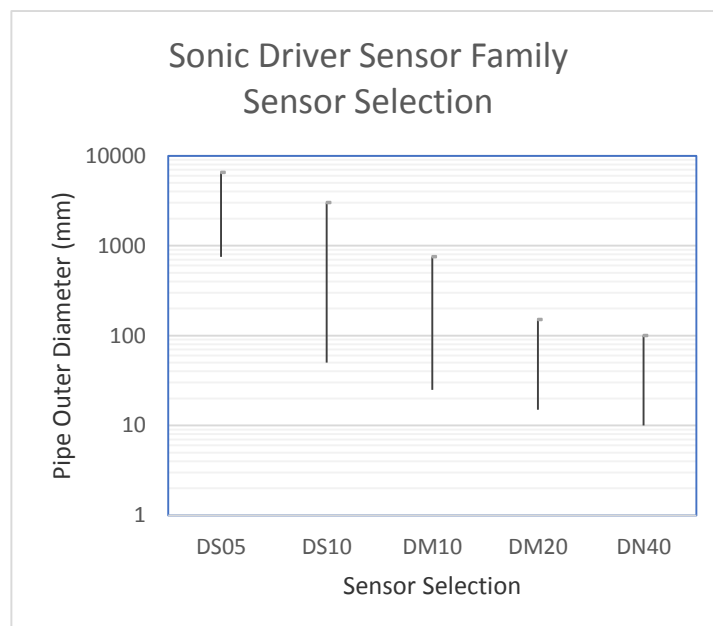
- Material stainless steel and PEEK.
- Temperature range, -10 to +80 degC.
- Ingress Protection rated IP66, with IP68 optional.
- Cable length 1.5m as standard, extensions optional.
- Lemo 00 plugs for connection to Portable flowmeter.

DS Sensors

- DS sensors, for large pipes up to 6500 mm.
- Sensor dimensions 60 x 30 x 35 mm.
- Material stainless steel and PEEK.
- Temperature range, -10 to +80 degC standard, -20 to +130 degC optional extended range.
- Ingress Protection rated IP66, with IP68 optional.
- Cable length 3m as standard, extensions optional.

Sensor Type	Frequency	Pipe Outer Diameter (mm)	
		Minimum	Maximum
DS05	500 kHz	750	6500
DS10	1 MHz	50	3000
DM10	1 MHz	25	750
DM20	2 MHz	15	150
DN40	4 MHz	10	100

Table(1)



Figure(1)

For more information or to arrange a demonstration please contact Sonic Driver by email enquiries@sonic-driver.com, telephone +44(0)7971 273000 or by post at the address shown at the bottom of this page.

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