ROOTSEY Functional Flows DSB2-220 DSB5-500

TYPE		DSB2-220	DSB5-500
Installation length	mm	220x180	
Interior diameter:	mm	8	10
Nominal pressure with threaded ends with flanges	bar	10	12

Maximum flow rate	**Q_P**	**l/h**	**220**	**500**
Nominal flow rate	**Q_t**	**l/h**	**46**	**80**
Minimal flow rate	Q_{min}	l/h	12	20
Max. Permissible error [Qt]			+/- 0.7%	+/- 0.9%
Repeatability			+/- 0.5%	+/- 0.7%
Pulse values of pulsers min.		pulse/l	60	60
Pulse values of pulsers max.		pulse/l	90	90
Minimum rated working voltage:			**DC 8V-32V**	
Maximum current:			15 mA(DC 15V)	
Working voltage range:			DC 8~28 V	
Load capacity:			≤40 mA(DC 5V)	
Operating Temp:			**≤90°C**	
Storage Temperature:			-25~+80°C	

Differential fuel flow meter DSB is designed for engine fuel consumption measurement.
Differential consumption measurement is used where the engine has fuel feedback to the tank.
This requires two flow meters and a differential calculator.
The throughput through flow meter 2 is subtracted from the throughput through flow meter 1. The result is the consumption.