

# Remote Display RD 100



**View, calculate and log easily your instantaneous fuel consumption data, cumulative measured values as well as mass and CO2 emissions with NEMO models**

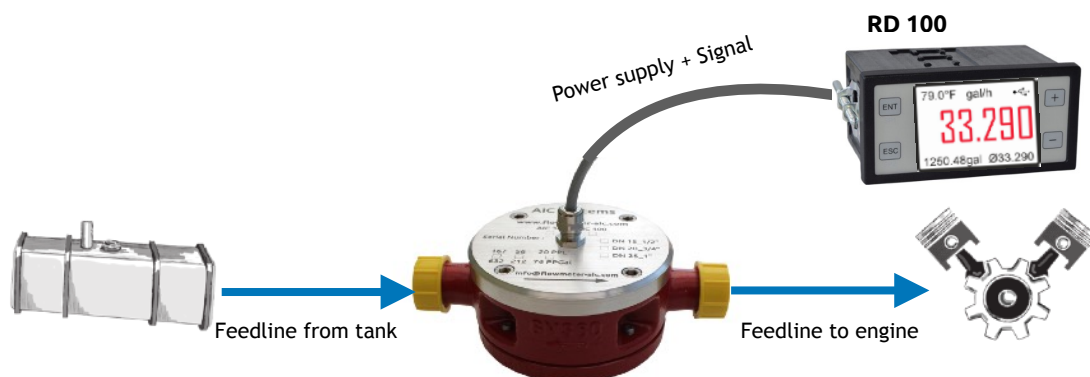
**Display with a top intuitive handling**

The Remote Display RD 100 is an easy to read LCD digital display for all AIC sensors and USB port for an easy data acquisition

Features the following display possibilities:

- 0.5% accuracy in combination with a NEMO sensor
- Flush panel mounting 96 x 48mm, 3.8 x 1.9 inch
- View instantaneous fuel consumption
- Fuel consumption (3 decimals)
- Fuel consumption accumulation
- Reading in metric or imperial units
- Power supply 20-253 VAC/DC
- Easy to use USB - logger, (no USB memory stick is included)
- Easy control with start, stop logs and reset functions
- All settings are stored and will not be lost in the event of power failure
- Languages: English, German, French, Spanish and Portuguese

## Typical system set up

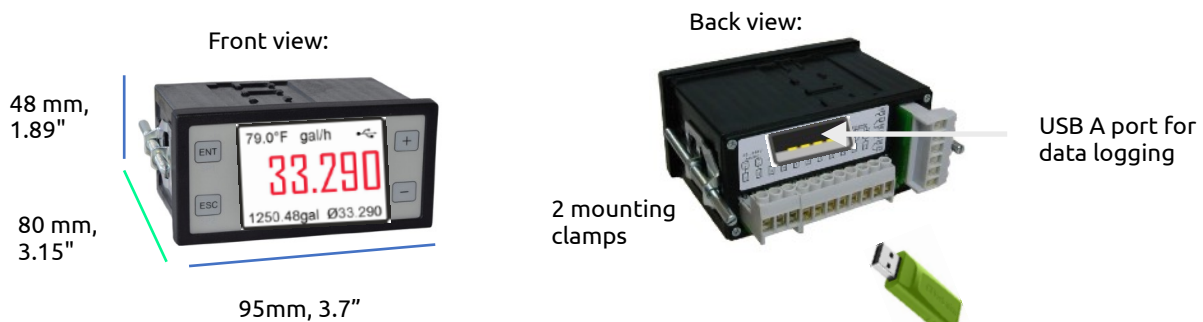


**e.g. AIC 300,  
works with all AIC flow consumption meter**

## Technical data

### RD 100

<b>Manufacturer</b>	<b>AIC SYSTEMS Inc</b>	
<b>Dimension</b>	96 x 48 x 80 mm / 3.8 x 1.9 x 3.1 inch	
<b>Display</b>	LCD (UV resistant), 4 screens lines, various characters, symbols and units	
<b>Keyboard</b>	Micro-switch push-button (UV-resistant keypad)	
<b>Working temperature range</b>	-5°C to +80°C (23 to 176° F)	
<b>Maximum humidity:</b>	95%, non-condensing	
<b>Certification</b>	EMC certified according to EN 52121-3-2:2006	
<b>Supply voltage</b>	Universal 20 to 253 VAC/DC	
<b>Power supply load:</b>	4.5 - 7 W	
<b>Distance speed pulse input</b>		
Possible range	ppKm	100 - 30000
Input tension	U low	< 0.5 V
	U high	> 3.5 V
Input current		< 1 mA
Frequency	f max.	> 2.5 kHz (max. speed displayed 299.9 km/h)
<b>Fuel pulse input</b>		
Possible range	ppl	10 - 25'000
Input tension	U low	< 1.5 V
	U high	> 3.5 V
Input current		Approx. 2 mA
Frequency (50% duty cycle)	f max.	< 1 kHz
<b>Languages</b>	English, German, French, Spanish, Portuguese	
<b>CE-conformity:</b>	Fulfilled	
<b>Mounting terminals:</b>	2 mounting clamps	
<b>Weight:</b>	210g	
<b>Warranty:</b>	1 year	



Optional:  
Rugged aluminum housing with external USB A port



All information are subject to change

