

## AIC S1607 PULSE Converter



- Easy to operate
- Proven integration with VBOX
- Four options to cover various integrations



When third party data acquisition systems are not able to read the 0.7 ms consumption output pulse delivered by AIC High Rate flow sensors, the AIC S1607 Pulse Converter can convert the signal into various formats :

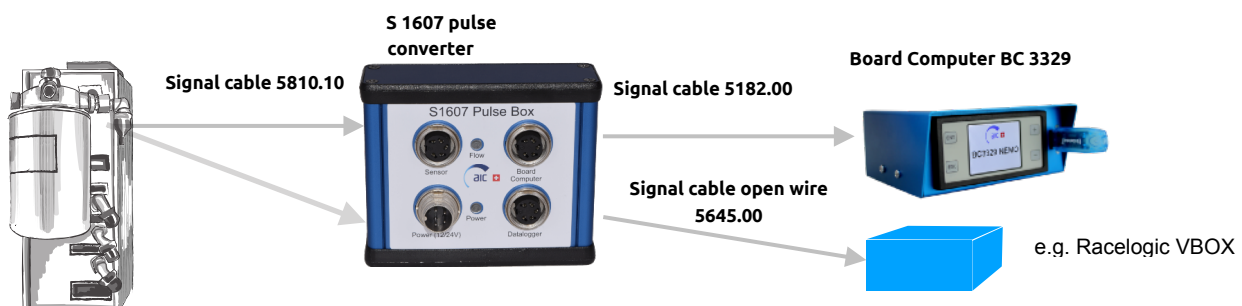
- 50 % Duty Cycle
- 25 % Duty Cycle
- 12,5 % Duty Cycle
- Split Box

This signal can be acquired in either PNP or NPN format.

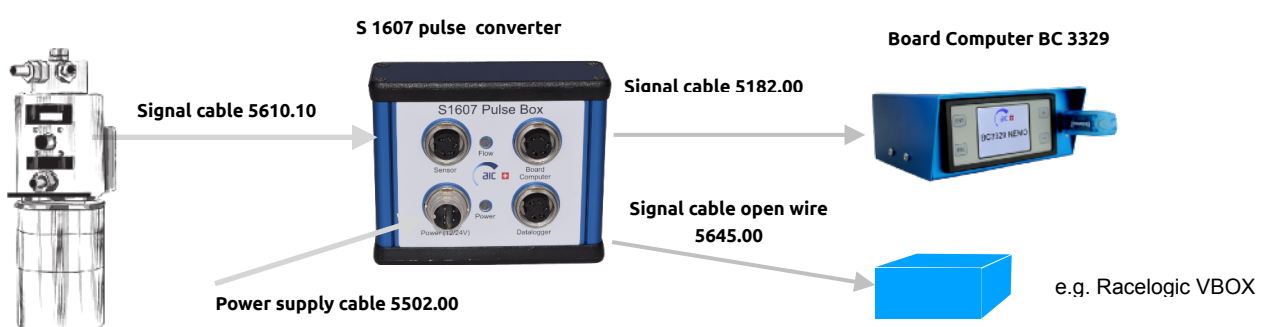
The AIC S1607 is compatible with :

- All AIC flow meters
- AIC board computers
- Third party acquisition system

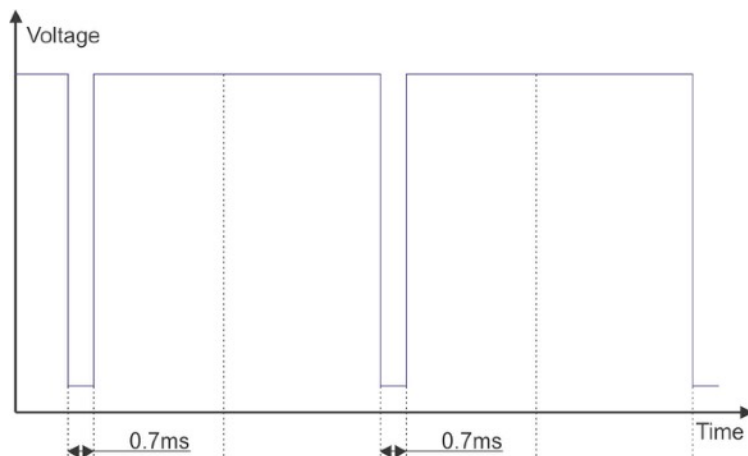
### Typical AIC S1607 Pulse Converter Installation with AIC 6000



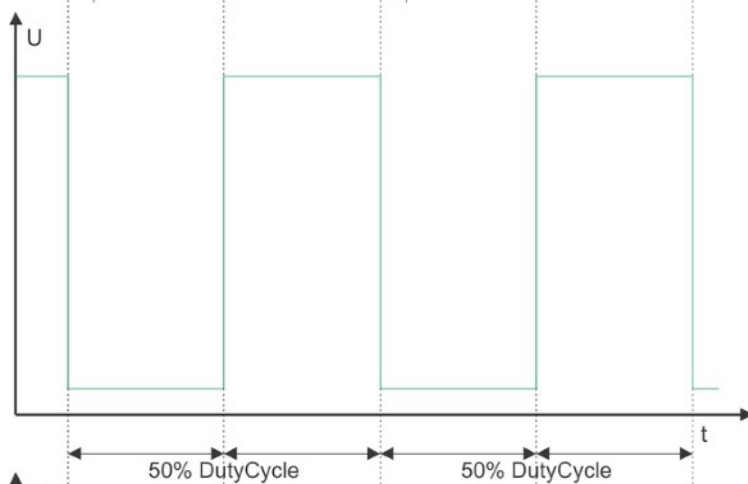
### Typical AIC S1607 Pulse Converter Installation with AIC 900, 4000, 800, 1200



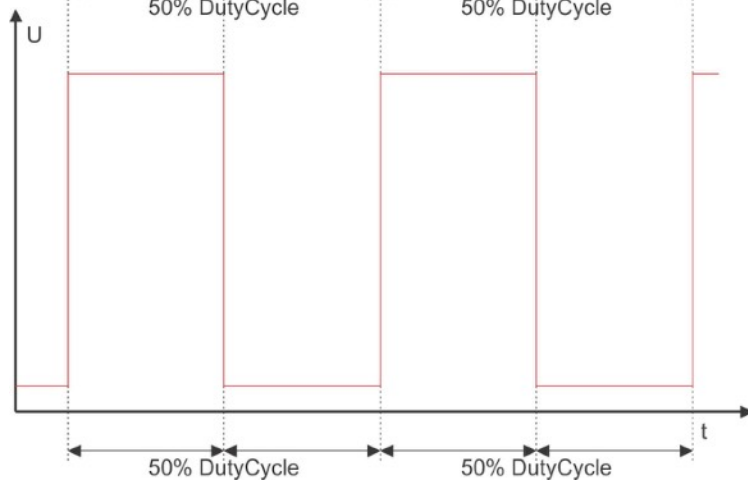
## Typical Operation: 50 % Duty Cycle format



NPN standard Rectangular  
signal from AIC High Rate  
Sensor (0.7 ms pulse width)



50 % duty cycle signal on  
**s1607.50** NPN output



50 % duty cycle signal on  
**s1607.50** PNP output

## Product identification and characteristics



Electrical	
Supply	8 / 28 VDC protected against pol. reversal
Consumption	< 30 mA
NPN output	28 V / 20 mA max - current limited
PNP output	20 mA max - current limited
Mechanical	
Housing material	Blue anodized aluminum
Protection	IP50
Size	106 X 87 X 34 mm
Weight	200 gr

## Ordering structure

Product designation	Order code
Pulse converter, 50% - Alu housing - powered	1607.50
Pulse converter, 25% - Alu housing - powered	1607.25
Pulse converter, 12,5% - Alu housing - powered	1607.12
Pulse splitter, Alu housing - powered	1607.00
Signal cable 10m (from 800, 1200, 900, 4000 to Pulse Converter)	5610.10
Signal cable 10m (from 6000 to Pulse Converter)	5810.10
Signal cable from Pulse Converter to BC 3329	5182.00
Signal cable Pulse Converter 3 rd party en free	5645.00
Power supply cable Pulse Converter	5502.00

All informations are subject to change.



[www.flowmeter-aic.com](http://www.flowmeter-aic.com)

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