



Automotive Information and Control Systems

World-wide leader in measuring-systems for pulsating fluids

AIC-FS15-416

for marine-engines

from 440 up to 1600 KW (600 up to 2176 HP)



Technical specification:

High accuracy volumetric ring piston meter with electronic pulse-emitter (Pat. AIC), for mount on the suction-side of the fuel feed-system. Mounting-position indifferent.

Maximal flow rate:	Q max = 600 Lt/h
Continuous flow rate:	Q nom = 400 Lt/h
Minimal flow rate:	Q min = 10 Lt/h
Pressure drop with light fuel:	100 mbar (@ Q nom) 30 mbar (@ 1/2 Q nom)
Accuracy:	+/- 1.0% of reading
Repeatability:	+/- 0.2% of reading
Admissible pressure:	-1 up to 16 bar
Admissible medium-temp:	-20 to +150°C
Filtration request:	250 µ
Dimensions over all:	350 x 110 x 100 mm
Weight:	3 KG
Fuel line-connections:	thread G 3/4" Option: 1/2" mount. kit Opt.: DIN/ANSI/JIS flange

Electric specifications:

Connection to the onboard computer with connection-cable 3 x 0.5 mm². Connected on the flow meter with "Sure-Seal"-connector. On the other side free wire-ends:

-BROWN	= +9 to +15 VDC
-GREEN	= 0 V
-WHITE	= signal

Signal: Rectangular PNP open collector
416 ppl (Pulses per 1 Litre fuel flow)
Pulse width ≥ 0.6 ms

Ingress protection: IP 65

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