



Introduction

Hottest selling black dial line! Amega has clean-looking black dials with white and red graphics plus through-dial and perimeter lighting for great readability. Amega has been very popular, available in several styles since its debut in 1986.

A comprehensive family of instruments for outboards, stern drives and inboards, including diesels!

Key Features

- > Scratch-resistant curved glass lenses
- > US and metric scales with ISO symbols
- > Optional add-on eyebrow bezels
- > Perimeter and thru-dial lighting
- > Black, near-flush bezels
- > Black dial, red graduations, white numerals and vivid white pointer staff
- > Available for most outboards, stern drives and diesel engines

Ordering Information	Size	Range	Connector Type	Black Bezel Standard Lens	Black Bezel Anti-fog Lens
Air Pressure - Dual - Mechanical	2"	0-150 PSI	N/A	57932	-
Air Pressure - Single - Mechanical	2"	0-150 PSI	N/A	62841	-
Ammeter - Direct	2"	60-0-60	Stud	59310	59310F
Engine Monitors	2"	Suzuki	Sumitomo	65668BMD	65668BMDF
		Evinrude	Deutsch	65205	65205F
Fuel Level, 11-61 ohm	2"	E-F	Stud	61707	-
Fuel Level, 1-88 ohm	2"	E-F	Stud	61706	-
Fuel Level, 10 - 180 ohm - EU Type	2"	E-F	Stud	69656	-
Fuel Level, 240 - 33 ohm - US Type	2"	E-F	Stud	57902	57902F
	2"	E-F	Deutsch	780000PDNB	780000PDFB
Fuel Level, 240-33 ohm-US Type, 60,000 cst	2"	E-F	Stud	62793	
Hourmeter	2"	10,000 Hrs	1/4" Spade	84760	84760F
Oil Pressure, 240 - 33 ohm - US Type	2"	0-80 PSI	Stud	57903	57903F
	2"	0-80 PSI	Deutsch	780002PDNB	780002PDFB
	2"	0-100 PSI	Stud	57929	57929F
	2"	0-100 PSI	Deutsch	780004PDNB	780004PDFB
Oil Pressure, 10 - 180 ohm - EU Type	2"	0-5 bar	Stud	62155	-
	2"	0-10 bar	Stud	62156	-
Speedometer - Pitot (display head only)	3"	40 Knot	1/4" Spade	62157	-
	3"	75 Knot	1/4" Spade	62158	-
	3"	10-50 MPH	1/4" Spade	57898	57898F
	3"	10-65 MPH	1/4" Spade	57900	57900F
	3"	10-80 MPH	1/4" Spade	57899	57899F
	3"	5-35 MPH	1/4" Spade	58342	58342F
Speedometer - GPS w/LCD (display head only)	3"	30 Knot	Deutsch	781383PDNB	-
	3"	60 Knot	Deutsch	781384PDNB	-
	3"	35 MPH	Deutsch	781301PDNB	-
	3"	60 MPH	Deutsch	781302PDNB	-
	3"	80 MPH	Deutsch	781423PDNB	-
Tach - Diesel Alternator	3"	4000 RPM	Stud	58136	58136F
Tach - Diesel Mag Pick Up	3"	4000 RPM	Stud	66065	-
Tach - O/B & 4-Cycle Gas	3"	6000 RPM	Stud	57896	57896F
	3"	7000 RPM	Stud	58255	58255F
	3"	7000 RPM	Deutsch	780020PDNB	780020PDFB

Ordering Information	Size	Range	Connector Type	Black Bezel Standard Lens	Black Bezel Anti-fog Lens
Tach - O/B & 4-Cycle Gas - Force Outboards	3"	7000 RPM	Stud	69044	
Tachometer - BRP System Check	3"	7000 RPM	Deutsch	58935	58935F
Tach/Hourmeter - O/B & 4-Cycle Gas	3"	6000 RPM	Stud	57897	57897F
Tach/Hourmeter - LCD, O/B & 4-Cycle Gas	3"	6000 RPM	Deutsch	780022PDNB	780022PDFB
Trim - Evinrude/Johnson, Suzuki 4-stroke '02 & on	2"	UP-DN	Stud	58431	58431F
	2"	UP-DN	Deutsch	780012PDFB	780012PDNB
Trim - Honda	2"	UP-DN	Stud	68359	63530F
Trim-Mariner/Mercury/Yamaha '01 & on, Modified	2"	UP-DN	Stud	61459	61459F
	2"	UP-DN	Deutsch	780016PDNB	780016PDFB
Trim-Mariner/Mercury/Yamaha '01 & on	2"	UP-DN	Stud	57905	57905F
	2"	UP-DN	Deutsch	780018PDNB	780018PDFB
Trim - Yamaha O/B pre '01	2"	UP-DN	Stud	61748	61748F
	2"	UP-DN	Deutsch	780014PDNB	780014PDFB
Voltmeter	2"	8-18 V	Stud	57901	57901F
	2"	8-18 V	Deutsch	780010PDNB	780010PDFB
	2"	20-32 V	Stud	64279	-
Water Pressure, Gauge Only	2"	0-30 PSI	N/A	58392	58392F
	2"	0-40 PSI	N/A	67434	-
Water Temperature - 240 - 33 ohm - US Type	2"	100F - 280F	Stud	57930	-
	2"	100F - 280F	Deutsch	780115PDNB	-
	2"	120F - 240F	Stud	57904	57904F
	2"	120F - 240F	Deutsch	780006PDNB	780006PDFB
Water Temperature - 240 - 33 ohm - US Type O/B	2"	100F - 220F	Stud	58862	58862F
	2"	100F - 220F	Deutsch	780008PDNB	780008PDFB
Water Temperature - 10 - 180 ohm - EU Type	2"	40C - 120C	Stud	62159	
Water Temperature - Mercury 4.5 & 6.2 Liter	2"	C - H	Stud	71657	71657F

Part availability subject to change without notice

Reliability

The heart of the Veethree electrical instrument is the Vector air-core movement. This simple, durable movement was pioneered for the harsh marine and industrial environments.

The Vector movement utilizes a permanent magnet that rotates magnetically in an electrical field. All coil windings and attachments are designed to withstand extremes in vibration, temperature, humidity and salt spray. The electrical studs are tin plated to minimize corrosion in the marine environment.

The magnet/spindle assembly is surrounded by a dampening fluid to reduce pointer bounce, especially those generated by fuel sender float fluctuation.

A temperature compensating resistor is utilized to minimize negative effects of temperature extremes on the gauge.

All coils are placed in an annealed metal bobbin can to prevent the magnetic field generated by an operating gauge from effecting other instruments on the dash such as compasses and other electronic equipment. Additionally this can protects the gauge itself from negative magnetic effects common in wiring harnesses.

Accessories

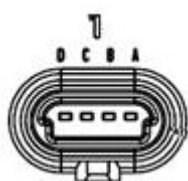
- > Eyebrow Bezel Kits - 2" 69268K, 3" 69269K
- > Pitot Speedometer Installation Kit - 1809271
- > Outboard Water Pressure Gauge Installation Kit - 62023
- > GPS Speedometer Receiver - 68969
- > O/B Water Temp Install Kit - 54031 Mercury Engines, 66549K All Other Engines
- > GPS Speedometer Power Harness - 70312

Dimensions

A - Bezel Diameter / B - Gauge Housing Diameter						
C - Distance from Back Edge of Bezel to End of Longest Component / D - Bezel and Lens Combines Protrusion from Dash						
			Studs	Deutsch	Packard	
All Domed & Elite Profile Styles	A	B	C	C	C	D
2" All Electrical Gauges (excluding Honda Trim)	2.38	2.08	2.44	2.62	2.62	0.38
2" Depth Gauge	2.38	2.08	2.5	N/A	N/A	0.28
2" Engine Monitor - Suzuki®	2.38	2.08	2.32	N/A	N/A	0.38
2" Honda Trim	2.38	2.08	3.62	N/A	N/A	0.38
2" Mechanical Pressure Gauges	2.38	2.08	3.17	3.17	N/A	0.38
2" Systems Check - Evinrude®	2.38	2.08	2.32	N/A	N/A	0.38
3" Multi Function 2-n-1, 3-n-1, 4-n-1	3.78	3.4	3.18	3.11	3.11	0.58
3" Electric Tach/Hourmeters Counter Wheel	3.78	3.4	4	2.95	2.95	0.58
3" Electric Tach/Hourmeters LCD	3.78	3.4	2.97	2.95	2.95	0.58
3" Electric Tachometers	3.78	3.4	2.97	2.95	2.95	0.58
3" GPS Speedometers	3.78	3.4	N/A	3	N/A	0.58
3" Marine Pitot-Type Speedos	3.78	3.4	2.71	N/A	N/A	0.58
5" Multi Function 2-n-1, 3-n-1, 4-n-1	4.85	4.33	2.88	2.88	2.88	0.84
5" Electric Tach/Hourmeters	4.85	4.33	2.88	2.88	2.88	0.84
5" Electric Tachometers	4.85	4.33	2.88	2.88	2.88	0.84
5" Marine Pitot-Type Speedos	4.85	4.33	2.71	2.71	2.71	0.84

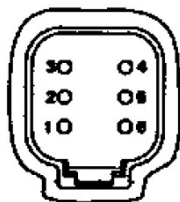
Single Function Connector Options

Metri-Pak



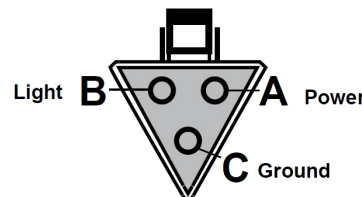
- Pin A IGN
- Pin B LTS
- Pin C GND
- Pin D SENDER

Deutsch



- Pin 1 IGN
- Pin 2 LTS
- Pin 3 SENDER
- Pin 4 NC
- Pin 5 NC
- Pin 6 GND

Deutsch for GPS Speedo



- Pin A Red
- Pin B Blue
- Pin C Black

Stud connections shown on back of gauge

For multi-function connector options, please refer to the Resources section on www.v3electronicsusa.com