Viewline Pitot speedo gauge

Description
Gauge to indicate Boat speed

Features
_ LED Illumination
_ Backlit Technology
_ Changeable Frontbezels
_ Antifog and splash protection
_ Panel and Flush mount possibility

Picture: Pitot speedo gauge

Konzept

Housing	Polycarbonat (PC)
Bezel	PC (black, white) or ABS (chrome); different colors and shapes (see accessories)
Lens	PMMA; double lens
Dial	different colors (black, white)
Pointer	backlit, white on black dials; red on white dials
Illumination	backlit
	Dial: LED amber (605nm)
	Pointer: LED red (632nm)
Mounting	Spinlock Nut; locking height 0,5mm – 20mm,
	Optional Studs and Bracket; locking height 2 – 13mm
Connection	8-pole MQS connector system

Technical Data

Installation depth	87mm
Installation diameter	85 mm
Tube diameter	3,6mm (inner)
Deflection angle	270°
Operating Voltage	10 – 16 Volt
Accuracy	< ± 2 kn
Current consumption	< 35 mA
Operating temperature	-40°C to +85°C; plated bezels (chrome) -40°C to +70°C
Storage temperature	-40°C to +85°C to 48h; plated bezels (chrome) -40°C to +70°C +90°C for 1h

Temperature shock	Range	-40°C to +85°C; plated bezels (chrome) -40°C to +70°C
	Transformation time	10 seconds
	Retention time	2h
Climatic test	Range	+25°C to +55°C
	Rel. Humidity	95%

Vibration	Sinus 2g; 10-500Hz; duration 16h
	Noise 3g; 10-1000Hz, duration 8h

Mechanical shock	continuous	25g; 6ms; 1Hz
	Single shock	100g; 11ms
	Free fall	1m; 3 times

Chemical resistance against	- preservative agent
	- preservative agent remover
	- cold cleaner
	- methylated spirit
	- interior cleaner
	- drinks containing caffeine and tannin
Nominal position	NL 0 to NL 85 (DIN16257)
Protection class	according to IEC 60529
	Front: IP67 (in Nominal position)
	Rear: IP52 (in Nominal position)

VDO

available Gauges

No. unpacked *	Dial color	Diameter [mm]	Double scale	Measurement range	Sensor	Double lens
A2C31232400	black	85mm	yes	10 - 43 kn 0 – 100 km/h	Water pressure	yes
A2C31233200	white	85mm	yes	10 - 43 kn 0 – 100 km/h	Water pressure	yes

* **" No. unpacked"** is not a order number

Accessories:

A2C59510854	VL Mounting Kit (studs and brackets) 52, 85, 110mm
A2C59510864	VL Mounting bracket flush mount
A2C53215641	VL Sealing Ring 52mm flush mount
A2C59510847	Bush housing, 8-pin
A2C53324664	Protective connector cap, 8-pin
Tyco Nr. 539635-1	Hand pliers
Tyco Nr. 539682-2	Tool for hand pliers.
Tyco Nr. 1355718-1	Single contacts 0.14 – 0.22 mm² tin plated
Tyco Nr. 963729-1	Single contacts 0.5 – 0.75 mm² tin plated
Tyco Nr. 1355717-1	Strip 0.14 – 0.22 mm² tin plated
Tyco Nr. 928999-1	Strip 0.25 – 0.5 mm² tin plated
Tyco Nr. 963715-1	Strip 0.5 – 0.75 mm² tin plated

Bezels 85mm

	Black	Chrome	White
Flat	A2C53192911	A2C53192910	A2C53192912
Round	A2C53192913	A2C53192914	A2C53192916
Triangle	A2C53192917	A2C53192918	A2C53192920