

Viewline Hours counter

Discription

Gauge to count Engine running hours..

Features

- _ Integrated Function LED.
- _ Changeable Frontbezels.
- _ LED Illumination
- _ Flush mount possibility
- _ High reliability



Picture: Hours Counter

Concept

Housing	PC; flame retarding (UL94)
Bezel	PC or ABS; several colors and shapes (see table)
Lens	PMMA; double lens
Dial	backlit; different colors (see table)
Number wheels	white on black, 1/10 wheel red on white
Illumination	Dial: LED amber (605nm) Pointer: LED red (632nm)
Function LED	red
Mounting	spinlock Nut; locking height 0,5mm – 20mm, optional Studs and Bracket; locking height 2 – 15mm
Connection	8 pin MQS connector system

Technical Data

Installation depth	50mm
Operating Voltage	9 – 30 Volt DC
Accuracy	+/- 5 Sec / d (at 14V DC, 23°C, NL45)
Current consumption	< 30 mA, at 12V (without Illumination)
Operating temperature	-40°C to +80°C; plated bezels (chrome) -40°C to +70°C
Storage temperature	-40°C to +85°C for 48h; plated bezels (chrome) -40°C to +70°C
Temperature shock	in Conformity to IEC 60068 – 2 -14
Climatic test	in Conformity to IEC 60068 – 2 -30 Db Variant 2
EMC in conformity with	DIN_EN 61000-6-2 DIN_EN 61000-6-3
Standards	GL, Category C, F (under preparation)
Vibration	in Conformity to IEC 60068 – 2 – 6 and DIN EN 60068 – 2 – 64 in combination with DIN EN 60068 – 2 - 14
Mechanical shock	in Conformity to IEC 60068 – 2 – 27 and DIN EN 60068 – 2 – 29
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 90 (DIN16257)
Protection class	according to IEC 60529 Front: IP67 (in Nominal position) Rear: IP52 (in Nominal position)
Reverse polarity protection	yes
Over voltage protection	yes, max 70 V for 250 ms

available Gauges:

No. packed	Illumination	Dial colour	Measurement range	ISO Symbol	Voltage	Double lens	Bezel
A2C59510871	no	black	99999,9 h	Hour glass	12/24V	no	Triangular, black
A2C59510874	Yes	black	99999,9 h	Hour glass	12/24V	no	no
A2C59510876	Yes	black	99999,9 h	Hour glass	12/24V	yes	no
A2C59510872	no	black	99999,9 h	Hour glass	12/24V	no	no
A2C59510875	Yes	white	99999,9 h	Hour glass	12/24V	no	no
A2C59510877	Yes	white	99999,9 h	Hour glass	12/24V	yes	no
A2C59510873	no	white	99999,9 h	Hour glass	12/24V	no	no

Accessories:

A2C59510854	VL Mounting Kit (studs and brackets) 52, 85, 110mm
A2C59510864	VL Mounting bracket flush mount
A2C53215640	VL Sealing Ring 52mm flush mount
A2C59510847	Bush housing, 8-pin
A2C53324664	Protective connector cap, 8-pin
Tyco No. 539635-1	Hand pliers
Tyco No. 539682-2	Tool for hand pliers.
Tyco No. 1355718-1	Single contacts 0.14 – 0.22 mm ² tin plated
Tyco No. 963729-1	Single contacts 0.5 – 0.75 mm ² tin plated
Tyco No. 1355717-1	Strip 0.14 – 0.22 mm ² tin plated
Tyco No. 928999-1	Strip 0.25 – 0.5 mm ² tin plated
Tyco No. 963715-1	Strip 0.5 – 0.75 mm ² tin plated

Bezels 52mm

	black	black nickel	brush aluminium	chrome	gold	white
flat	A2C53186040	A2C53293468	A2C53293480	A2C53186023	A2C53293482	A2C53186022
round	A2C53186027	A2C53293494	A2C53293495	A2C53186029	A2C53293496	A2C53186028
triangle	A2C53186024	A2C53293545	A2C53293546	A2C53186026	A2C53293548	A2C53186025