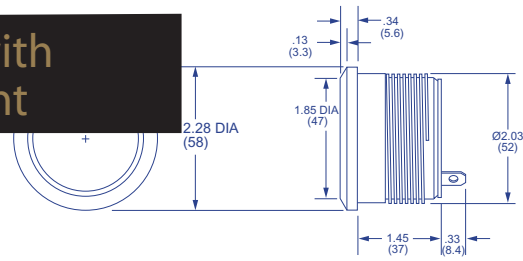


SENTINEL® HOURMETERS

Ruggedly built elapsed time counters with reliable quartz, stepper motor movement



DESCRIPTION:

Rugged, heavy-duty units are ideal for O.E.M. applications ■ Accurate, reliable quartz, stepper motor movement ■ Four ranges: 10-50 VDC, 30-100 VDC, 80-170 VDC & 160-240 VDC ■ Spin-on fastener assures easy installation ■ Front sealed & dust-proof ■ Bold graphics & European styling with low-profile bezel ■ Indicator wheel to verify performance (turns every second) ■ Corrosion-proof construction ■ Options include custom mounting accessories & custom graphics ■ CE approved

SPECIFICATIONS:

Dimensions:	58mm (2.28") diameter (overall); case diameter 52mm (2.03") (nominal); 57.3mm (2.25") deep.
Panel opening:	53.29mm +/- .51mm (2.089" +/- .020").
Weight:	~ 80 g.
Installation:	Spin-on fastener, plastic.
Housing:	Acetal plastic, high-impact, black.
Lens:	Glass.
Bezel:	Black, matte finish, plastic, low profile.
Dial graphics:	White-on-black, ISO symbols.
Wheels:	Hourmeter: white-on-black; 1/10 marking: yellow-on-black.
Movement/accuracy:	Quartz stepper motor, 6-digits (including tenths); 99,999.99 hours; accurate to +/- .02% (at room temperature) & +/- 10 seconds per every 24 hours at 20 C.
Indicator:	Indexes every one (1) second.
Voltage ranges:	10-50 VDC (3.3-3.19 mA), & 160-240 VDC (2.0-7.3 mA), 80-170 VDC (2.0-4.3 mA) & 160-240 VDC (2.0-3.1 mA).
Input protection:	Reverse polarity protected; load dump & field decay per SAE J1810; also complies with VDE 0633.
Connections:	Integral 6.3 x 0.8 (1/4") blade terminals, brass/tin-plated, with screws.
Sealing:	Front seal, IP 65; rear seal, IP 54.
Operating temperature:	-20 C to +70 C.
Mounting accessories:	Optional Kit: (Support rings, damping rings, clamping rings, thrust collars and mounting rings)



APPLICATION:

Suitability of application is the responsibility of the user. Standard products should work in most applications. However, please consult with factory sales representatives for the best approach for applications that are exposed to excessive moisture or water.

