

Hour Meter - Grässlin DC Hour Meter

Item GZ52BU



PRODUCT DESCRIPTION

The Grässlin GZ Series DC Hour Meters are the answer to applications requiring low power load usage metering. Compact, tamperproof GZ40 meters are sealed against the environment (IP rated up to IP66) to provide years of service. Accumulated load usage hours are stored in the mechanical indicating counter; therefore, no battery is required to maintain elapsed time. An input diode provides polarity protection. A quartz crystal time base ensures accurate, long-term timekeeping.

APPLICATIONS

- ▶ Industrial Control Panels
- ▶ Pumps
- ▶ Machinery
- ▶ Heaters

TECHNICAL DATA

General

Model Number	GZ52BU
Description	Grässlin DC Hour Meter
UPC Code	614573280075
Brand	Grässlin
Country of Origin (Intermatic)	CHINA
Warranty	1-Year limited
Mechanical Movement	2 Phase Step Motor
Ordering Instructions	GZ52BU
Power Meter Protection	Reverse Polarity, Inductive Switching

Control Specifications

Capacity (Hours)	99999.9
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Mechanical Specifications

Mounting Options	Flush
Vibration Resistance	DIN EN60068-2-64
Number of Digits (Hours)	5
Number of Digits (Tenths)	1
Mounting Description	Flush Bracket (Screw Type)

Dimensions

Mounting Depth (mm)	48.8
Mounting Depth (in)	1.92
Panel Opening Diameter (in)	2.03
Panel Opening Diameter (mm)	51.56
Digits Height (mm)	3.2
Digits Height (in)	0.125
Bezel Diameter (in)	2.2
Bezel Diameter (mm)	55.9

Material Specifications

Color	Black
Digits Coloring (Hours)	White on Black
Digits Coloring (Tenths)	Red on White

Electrical Specifications

Wiring Option	1/4" Quick connectors
Input Voltage Range(s)	8-30 VDC
Maximum Power Consumption (W)	.03 W, 12 VDC
Accuracy	± 0,5 Second /Day at 20°C
Current consumption	<3 mA, 12 VDC

Packaging

Shipping Weight (lbs)	0.21
Unit Carton Dimensions (H x W x L) in	2.25 x 3.25 x 3.25 in

Environmental Specifications

Environmental Rating	IP65
Storage Temperature Min (°F)	-40
Storage Temperature Max (°F)	194
Storage Temperature Min (°C)	-40
Storage Temperature Max (°C)	90
Temperature (operation)	-40 °F to 185 °F / (-40 °C to 85 °C)

Standards and Certifications

Other Certifications and Compatibilities	CE
California Proposition 65	None