DVF-11 Shinko 0-2500rpm Pulse Type Analog Tachometer Datasheet

SKU: 1004669236881

Category: Feedback & Encoders

Price: **$2,856.86**

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Product Page:
https://www.equipspares.com/product/dvf-11-shinko-0-2500rpm-pulse-type-analog-tachometer

Product Description

The Shinko DVF-11 is a high-precision pulse-type analog tachometer designed for rigorous rotational speed monitoring in heavy industrial and marine environments. Utilizing a wide-angle 110mm square scale, this instrument provides clear, real-time RPM visualization with a full-scale sensitivity of 3mA. The unit is engineered for pulse-signal inputs from magnetic pickups or proximity sensors, featuring a rear-mounted gain adjustment for precise field calibration. Its robust construction ensures immunity to iron panel interference, maintaining accuracy in dense electrical enclosures. With a measurement range of 0-2500rpm (X100 scale), it serves as a critical diagnostic tool for monitoring engine, generator, and motor performance.

[Model] Specifications
Model Number: DVF-11
Brand: Shinko Ind. Ltd. (Toyo Keiki)
Product Category: Pulse Type Analog Tachometer / RPM Meter
Measurement Range: 0 to 2500 rpm (Scale 0-25 x100)
Input Type: Pulse Signal (Transistorized Circuitry)
Full Scale Sensitivity: 3mA (FS 3mA)
Accuracy Class: Standard Industrial Grade (JIS compliant)
Panel Dimensions: 110 x 110 mm
Mounting Type: Square Flush Panel Mount

Panel Cutout: 102 mm diameter
Terminal Type: M4/M5 Screw Terminals
Adjustment: Rear-mounted GAIN potentiometer
Internal Resistance: Approx. 1kΩ/V (1mA sensitivity)
Operating Temperature: -10 to +50°C
Enclosure Material: High-impact Resin / Glass Face
Weight: Approximately 0.45 kg
Certifications: JIS Standards, Marine Type Approved
Features: Wide-angle long scale, zero-point adjustment, anti-magnetic interference

[Model] Applications
Mandatory rotational speed monitoring for marine main engines, industrial diesel generators, and large-scale centrifugal pumping systems. Direct integration into engine control rooms (ECR) and power distribution panels for real-time mechanical diagnostic feedback.

Supplemental Images


INCREASE
GAIN
A
B
CAUTIONS
1. THIS TACHOMETER IS OF PULSE TYPE.
2. DO NOT APPLY VOLTAGE FROM OUTSIDE.
3. SEND TO SHINKO WHEN CHECK IS NEEDED.
"WARNING"
THIS EQUIPMENT IS COMPOSED OF TRANSISTORS.
DO NOT MAKE MEGOHMMETER TEST.