



MULTI-FUNCTION DIGITAL READOUT

Digital Readout Counter

Product Information

DRO Counter Vision Series



Model : PT-3733

DRO Counter Vision Series is a Superior quality & compact designed Digital Readout Counter with diagnostic of readout and optical scale (internal cleaning and/or internal defects). With universal software for any kind of machine tool and software upgrade is through serial port. With capability of storing program for 1000 blocks

TECHNICAL SPECIFICATION

General Technical Specification

Input Voltage: 110V/230V
Input Frequency: 50/60 Hz
Output Power: 15W
Operating Temperature: 0°C ~ 50°C
Storage Temperature: -20°C ~ 70°C
Input Signal : Two square wave out of phase 90° ± 5°
Resolution: 0.5-200um
Dimension:
Weight: ~1.0 Kg

Features.

- Superior quality & compact designed
- Linear correction
- Resolution selectable
- Capability of storing program
- 2/3 axis DRO available
- RS232 link
- Optional of LCD screen version

Model Available

PT-3733 DRO Counter
PT-3722 DRO Counter

Type of Accessory Available*

PT-4025B-4300B Linear Scale Type B
PT-4025A-4300A Linear Scale Type A

*Kindly Specify the type of range require when ordering



Digital Readout Counter



#3733

(#3733) 3 axis DRO

(#3722) 2 axis DRO

For XYZ axis digital readout , TTL Signal Input

Optical Linear Scale



#4025B-4300B

- (#4025B)** 25mm Linear Scale
- (#4050B)** 50mm Linear Scale
- (#4100B)** 100mm Linear Scale
- (#4150B)** 150mm Linear Scale
- (#4200B)** 200mm Linear Scale
- (#4250B)** 250mm Linear Scale
- (#4300B)** 300mm Linear Scale

Resolution: 1 μ m, 0.5 μ m, 0.1 μ m
Accuracy: \pm 3-6 μ m



#4025A-4300A

- (#4025A)** 25mm Linear Scale
- (#4050A)** 50mm Linear Scale
- (#4100A)** 100mm Linear Scale
- (#4150A)** 150mm Linear Scale
- (#4200A)** 200mm Linear Scale
- (#4250A)** 250mm Linear Scale
- (#4300A)** 300mm Linear Scale

Resolution: 1 μ m, 0.5 μ m
Accuracy: \pm 3 μ m



PRODUCT INFORMATION

Model 3733 DRO Function Description

Function
Zero reference
Abs/Inc counting
Reset/Preset
Midpoint calculation
Constant pitch
Axis coupling
Linear correction
Scale factor
Commutation rayon/diameter
Variable resolution
Hexadecimal degree
Angular reading
Cone Inclination, Automatic calculating cone inclination (LCD)
Thread calculation (LCD)
Calculating the weights of materials, Calculating the tip speed , Calculating the angular speed (LCD)
Automatically quota's sending enabling
Round flange
Special Round flange
Inclined constant pitch
Programming the memory blocks
Circumference centre
Mirror image
Scale value displaying (LCD)
Axis speed displaying (LCD)
Displaying recalled tool (LCD)
Device diagnostic
Display W axis
100 offset tool selections
100 origins of the axes
Recall of special functions

For More Information

For more information on our products and services, kindly send an E-mail to sales@pinnacletech.biz

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