

# **FEATURES**

- Hardened stainless steel frame and measuring jaws
- Thumbroll adjustment
- Knurled locking screw
- Depth rod
- Clear LCD Display
- Large 11mm digits

# RS PRO Electronic Digital

# Caliper DIN862

RS Stock No.: 2436617, 2436815, 2436816, 2436817, 2436818, 2436819, 2436820

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.



### **Product Description**

Metric / Inch model	Hardened stainless steel frame and measuring jaws Thumbroll adjustment Knurled locking screw Depth rod Clear LCD Display Large 11mm digits Inch/Metric conversion Origin setting Resolution: 0.01mm / 0.0005" Repeatability: 0.01mm / 0.0005" 4 Way measurement: Individual serial numbers Power: 1 x Silver oxide battery SR44 - 1.55v Operating temperature: 5 - 40°C Relative humidity: Maximum 80% Warranty: 1 year		
	<ol> <li>Metric / Inch Conversion Button</li> <li>Knurled Locking Screw</li> <li>LCD Display</li> <li>Depth Measuring Blade</li> <li>Caliper Beam</li> <li>Thumbroll Fine Adjustment</li> <li>Battery Cover</li> <li>Zero Set Button</li> <li>Power Button ON/OFF</li> <li>External Measuring Jaws</li> <li>Step Measuring Faces</li> <li>Internal Measuring Jaws</li> </ol>		
Manufacturers code	2436617		
Description	Electronic Caliper 0-200mm/0-8"		

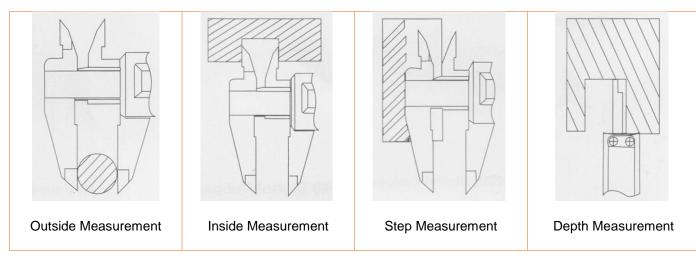
## **General Specifications**

Range	200mm/8"		
Resolution	0.01mm/0.0005"		
Repeatability	0.01mm/0.0005"		
Accuracy	±0.02mm (≤ 100mm) ±0.03mm (≥ 100mm – 200mm)		
External Jaw Length	50mm		
Internal Jaw Length	20mm		



### **Electronic Caliper**

#### 4 Way Measurement Feature



#### **OPERATING INSTRUCTIONS**

When using the Caliper for the first time or after a period of non-use, wipe the beam scale with a dry clean cloth to remove any condensation or oil deposits.

Prior to setting the caliper for measuring, first clean the measuring faces with a soft clean cloth or paper.

Switch Caliper ON

Move Caliper jaws together.

Select required measuring mode Inch / Metric.

Zero display, caliper is now ready for direct measurement.

Caliper can be zeroed at any position within its range, to provide relative measurements.

Caliper provides 4 way measurements, External, Internal, Step and Depth.

#### **OPERATING CARE**

Clean measuring faces with dry soft cloth Keep away from strong magnetic fields Prevent ingress of oil / liquids into electronics Remove battery if instrument is not used for a long period of time Do not disassemble or drop the instrument **Do not mark instrument by engraving, etching or any other permanent marking method, as this will invalidate the warranty** 

#### FAULT FINDING

Fault	Cause	Action
Display flashes	Battery voltage below 1.45volts	Replace battery
Display frozen	Circuit overload	Remove battery and replace after 4 minutes
Accuracy below specification but within +/- 0.1mm	Dirt in sensor	Remove slider cover assembly, clean face of sensor with dry clean compressed air (5kg/cm <sup>2</sup> )
No display	Poor battery contact Dead battery	Remove battery and carefully adjust battery contacts, replace battery.



Replace battery.

Mechanical Specifications	

**Electrical Specifications** 

**Protection Category** 

### Classification

eCl@ss (Version)	
UNSPSC (Version)	

### Approvals

Declarations	
Hazardous Area Certification	
Standards Met	

#### **Similar Products**

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3