
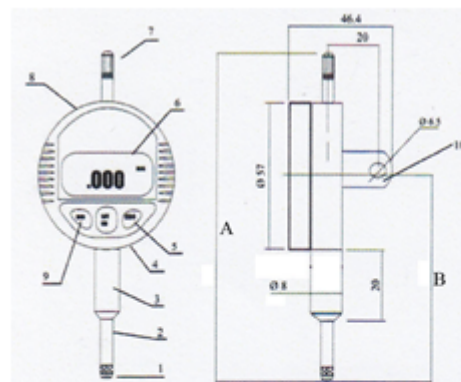


# Datasheet

## RS Digital Indicators

RS Stock number **841-2565**

	Dial Face Dia.	57mm / 2-1/4"	<b>Special Features: Model EDI-25</b>  This model does not have auto turn off and is suitable for general measuring use plus continuous test use.  When the indicator is turned off it will remember the origin setting and will display the current position of the measuring spindle when turned back on
	Digit Size	14mm	
	Clamping	8mm Stem / Lug Back	
	Contact Point	Ball Type / M2.5mm Thread	
	Range	25mm / 1"	
	Resolution	0.01mm / 0.001"	
	Repeatability	0.01mm / 0.001"	
	Accuracy	±0.02mm	
	Speed	≤0.5M/S	
	Power	1 x SR44: 1.5v Cell	
	Operating Temp.	0 - 40°C	
	Storage Temp	Minus 20 - 70°C	
Rel. Humidity	≤80%		

	1: Contact Point	6: LCD Display						
	2: Spindle	7: Spindle Top						
3: Stem	8: Battery Compartment							
4: On/Off Switch	9: Metric / Inch Selection							
5: Zero Setting	10: Central Back Lug							
<b>Use</b> Clean spindle and contact point with a soft cloth before use Press On/Off switch to power up indicator Select Metric or Inch measurement Press Zero Button when contact point is touching the datum surface Instrument is now ready for use								
To replace battery, remove battery compartment cover and remove old battery Fit new battery into holder with positive side facing upwards. Replace holder and battery into indicator								
<table border="1"> <thead> <tr> <th>Model</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>EDI-25</td> <td>125mm</td> <td>85mm</td> </tr> </tbody> </table>	Model	A	B	EDI-25	125mm	85mm		
Model	A	B						
EDI-25	125mm	85mm						

### Care

- Indicator face and spindle should be kept clean and dry
- Do not connect any part of the indicator to a voltage supply
- Avoid shocks and impact to spindle and dial face
- Remove battery if not being used for a long period

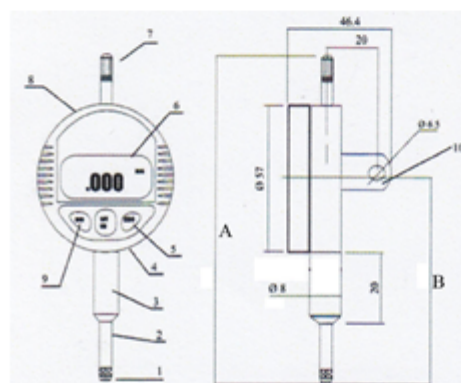
### Fault Finding

Fault	Possible fault	Action
Digits appear and change rapidly	Low battery power	Replace battery
Display not working when battery is changed	Circuit locked when changing battery due to faulty contact	Remove battery and replace after 30 seconds
Reading error over full travel greater than 0.1mm	Ingress of dirt has damaged or covered sensor	Remove cover and slider assembly, clean with an industrial non-chlorinated solvent
Nothing appears on display	Battery contact is poor or voltage is below 1.1v	Replace battery ensuring contacts are in good condition

**RS Stock number 724-4030**

	Code	EDI-125	<b>Special Features: Model EDI-125</b>  This model will auto turn off after 4 minutes of non use.  When the indicator is either manually or automatically turned off, it will display zero when turned on whatever the position of the measuring spindle
	Dial Face Dia.	57mm / 2-1/4"	
	Digit Size	14mm	
	Clamping	8mm Stem / Lug Back	
	Contact Point	Ball Type / M2.5mm Thread	
	Range	12.5mm / 1/2"	
	Resolution	0.001mm / 0.00005"	
	Repeatability	0.001mm / 0.00005"	
	Accuracy	±0.005mm	
	Speed	≤0.5M/S	
	Power	1 x SR44: 1.5v Cell	
	Operating Temp.	0 - 40°C	
	Storage Temp	Minus 20 - 70°C	
Rel. Humidity	≤80%		

Code	Description
7244030	Electronic Digital Indicator Fine Reading

	1: Contact Point 2: Spindle 3: Stem 4: On/Off Switch 5: Zero Setting 6: LCD Display 7: Spindle Top 8: Battery Compartment 9: Metric / Inch Selection 10: Central Back Lug						
	<p><b>Use</b></p> <p>Clean spindle and contact point with a soft cloth before use          Press On/Off switch to power up indicator          Select Metric or Inch measurement          Press Zero Button when contact point is touching the datum surface          Instrument is now ready for use</p> <p>To replace battery, remove battery compartment cover and remove old battery          Fit new battery into holder with positive side facing upwards. Replace holder and battery into indicator</p>						
<table border="1"> <thead> <tr> <th>Model</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>EDI-125</td> <td>11.2mm</td> <td>7.2mm</td> </tr> </tbody> </table>	Model	A	B	EDI-125	11.2mm	7.2mm	
Model	A	B					
EDI-125	11.2mm	7.2mm					

### Care

- Indicator face and spindle should be kept clean and dry
  - Do not connect any part of the indicator to a voltage supply
  - Avoid shocks and impact to spindle and dial face
  - Remove battery if not being used for a long period
- ### Fault Finding

Fault	Possible fault	Action
Digits appear and change rapidly	Low battery power	Replace battery
Display not working when battery is changed	Circuit locked when changing battery due to faulty contact	Remove battery and replace after 30 seconds
Reading error over full travel greater than 0.1mm	Ingress of dirt has damaged or covered sensor	Remove cover and slider assembly, clean with an industrial non-chlorinated solvent
Nothing appears on display	Battery contact is poor or voltage is below 1.1v	Replace battery ensuring contacts are in good condition