

Downhole Depth Encoder (DDE) Digital Wireline Measuring Device



Using a calibrated optical encoder, the DDE displays depth and rate per metre. A rechargeable 12-volt battery provides power to the unit for 2 days' continuous use. External wireline units are no longer necessary as the DDE operates on the drill rig's wireline, reducing the capital costs of downhole surveying. The unit is quickly and easily attached to the wireline using a simple slot design.

The DDE is useful where it is necessary to measure the depth of the hole with very high accuracy when using a Flexit GyroSmart or similar instrument.

The DDE measures the length of the wireline cable either going IN or OUT of the hole.

TECHNICAL CHARACTERISTICS

- > maximum measured length: no limit
- > accuracy: +/- 0.1 m over 50m
- > maximum allowed speed: 60 - 70 m/min
- > feeding: 12 V battery
- > maximum operating period with one battery up to 48 hrs
- > working temperature: from -10 to +40 C
- > packaged dimensions:
83cm L x 52cm W x 28.5cm D
- > DDE dimensions: 37cm x 27.5cm x 15cm
- > packaged weight: 34kg

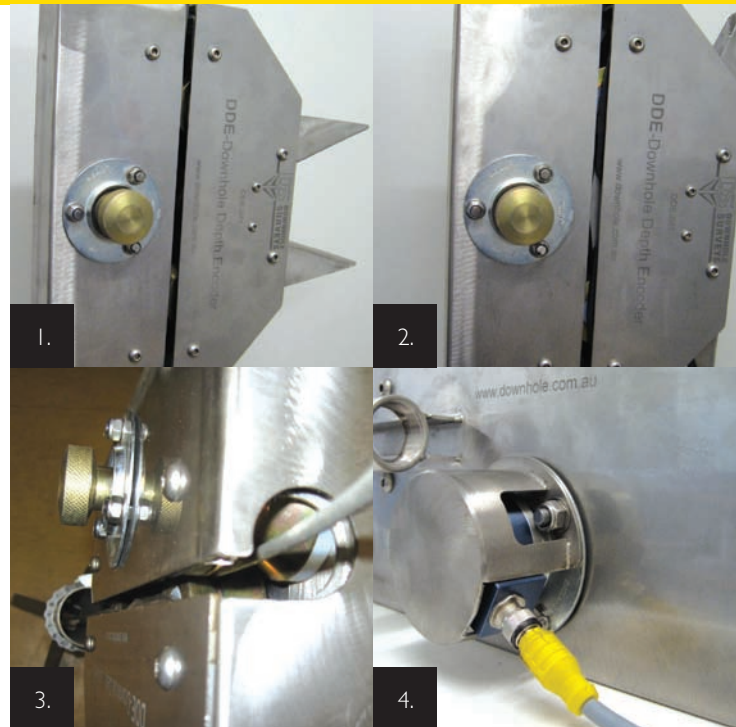
DDE Part List >>

1. Depth Encoder
2. Extended Pipe
3. Pipe Clamp, Chain & Bolt, Clamp Handle
4. Display Box
5. Recharger



Positioning Of Cable Inside The DDE >>

1. Open the two levers on Depth Encoder and position wire into DDE
2. Close the levers so that the V pulleys inside DDE capture the wireline
3. Check for correct cable alignment
4. Connect display box to Depth Encoder (carefully align pins)
5. Cable wipers should only be used on way out of hole



>> More Information

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