

# ENC-C1 Encoder

## Versatile Precision Waterproof Encoder



ENC-C1 is a universal encoder for single axis inspection instruments. With adjustable fitting ENC-C1 is compatible with broad range of ultrasonic transducers and phased array wedges.

ENC-C1 can be easily adjusted and fitted either behind or alongside transducer or wedge.

### Features:

- Clamp width: Max opening 55mm
- Encoder wheel diameter: 39mm
- Encoder resolution: up to 128 step/mm
- Waterproof
- Adjustable encoder spring-loaded
- Can be positioned at 0 and 90 (for B and D scan)
- Termination options for any manufacturers instrumentation
- Configurable data transmission rate

### Applications:

- This simple waterproof versatile encoder is ideal for single-axis UT and phased array inspections including:
- Pipe and vessel welds
- Bolt hole crack detection
- Linear array corrosion mapping
- B and D scan

### Benefits:

- Simple: Economical solution that requires no tools to set up
- Precise: High resolution encoded scans for single axis
- Versatile: Fully adjustable for any transducer or wedge up to 55mm wide
- Strong clamp mechanism ensures no lateral movement of encoder when scanning
- Encoder is offset from the inspection area to reduce the risk of the wheel skidding on couplant
- Waterproof
- Adjustable spring loading guarantees encoder always stays in contact with inspection surface



### Dimensions:

Values are in mm.

