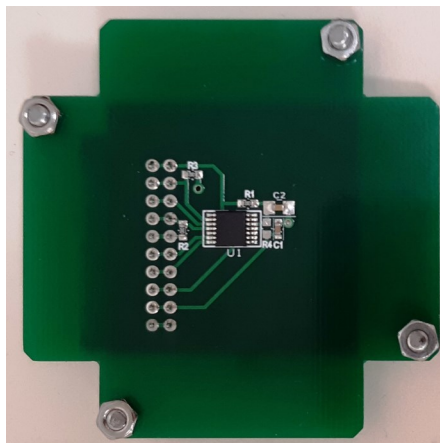


SUBC ROTATIONAL ENCODER PN 300035 DATASHEET



Key Features

General

Rotational encoder for subsea and topside applications. Rugged design intended for installation in oil filled and compensated subsea units. High resolution for precise position reading.

Technical Data Encoder

Supply voltage	3.3 - 5V DC 15mA supply current Optional 24V DC with integrated voltage regulator
Interface	Standard A/B - N encoder interface for rotation and absolute position measurement 3.3V output pulse level Optional 5 - 24V open collector pulse interfaces
Resolution	4000 pulses / revolution default Configurable from 100 - 4096 pulses / revolution
Speed	Maximum 28000RPM
Environmental	Operating temperature: -40 to +125 °C Operation pressure: 0 - 330bar (tested, not limited to) Long term pressure qualified at 330bar in silicone oil Shock and vibration qualification according to API-17F (if required)
Board	Typical size: 60x60mm Board size and mounting holes can be custom made to fit installation if required Optional coating of the PCB for environmental protection on request