

QR787 w/Blind Bore

DESIGN FEATURES

- Miniature size, 20 mm (0.787") diameter
- Resolutions up to 2048 PPR direct read
- Blind bore
- Long service life
- Conductive carbon fiber housing
- IP50 sealing
- High noise immunity
- RoHS Construction
- Low supply current requirements



Quantum Devices, Inc. Model QR787 blind bore version provides a high performance, high resolution digital feedback solution for small motor applications. The QR787 model provides the resolution of larger encoder packages, but in a package only 20 mm (0.787") in diameter. Outputs can be configured in either single ended, 5 volt RS-422 differential or with high voltage differential line driver. QDI's patented sensing scheme embodies a much simplified encoder design, which ultimately results in longer service life and less downtime due to feedback device failure. The encoder housing is constructed of a conductive carbon fiber composite that provides the EMI shielding of an all-metal housing and performance of a lightweight robust assembly.

QR787 - **05/05** - **0500** - **01** - **01** - **H1**

Voltage Resolution Output I/O Termination Bore Size

Configuration Options:

Voltage	Resolution	Output	I/O Termination	Bore Size
05/05 = 5 VDC 05/26 = 5-26 VDC	500, 512, 1000, 1024, 2000, 2048	01 = TTL 02 = Line Driver 03 = 5-26 VDC Line Driver	01 = Straight Pins 02 = 8" Ribbon Cable w/Connector	H1 = 2.5 mm H2 = 2 mm H3 = 0.125" H4 = 3 mm H5 = 4 mm

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