



# FOR LOW TORQUE & HIGH BANDWIDTH MEASUREMENTS

The digital ORT 230/240 series optical rotary torque sensors from **Sensor Technology** are reported to be ideal for applications that demand low torque and/or high bandwidth, providing precise, dynamic measurement of rotary and static torque of less than 100Nm and for bandwidths of up to 50kHz.

The new ORT 230/240 devices replace Sensor Technology's E200 ORT series, benefiting from all-new electronics that deliver significant gains in resolution, frequency

response, reduced sensor current consumption and faster digital data throughput.

TorqSense ORT 230 series sensors provide fixed voltage or current analogue outputs – one for torque and one for either speed or power.



The TorqSense ORT 240 provides two user selectable voltage or current analogue outputs – one for torque and the other for either speed, power or peak torque – plus digital outputs including RS232, CANbus and USB for interfacing with modern instrumentation and laptops. The ORT 240 enables users to connect up to 10 transducers via USB, and transducer configuration software for making changes to transducer variables.

**Tel: 01869 238400**



## ENCLOSURES FOR WIRED ELECTRONICS NOW IN BLACK

OKW's Connect enclosures for wired electronics are now available as standard in black (RAL 9005) as well as the existing off-white (RAL 9002).

Connect can be connected to a cable, sit between cables or act as a node for USB connectors.

Applications include medical and wellness, data systems engineering, machine control, robotics, IoT/IIoT, measuring and control. Smart snap-together construction means that no fixing screws are required.

The enclosures have open apertures at each end. They can be fitted with accessory end panels (which can be machined for USB connectors, LEDs) or soft-touch SEBS/TPE cable glands with integrated strain relief. There are four PCB fixing pillars inside the flattened case shell.

Three sizes of Connect are available as standard: 54 mm x 22mm in lengths of either 76, 116 or 156mm. Although the enclosures are designed for indoor use, they are moulded from UV-stable ASA+PC-FR (UL 94 V-0).

**Tel: 01489 583836**

# HIGH EFFICIENCY, LOW EMISSION PSUs

The new RHM250 series from **FiDUS Power** is rated at 250W natural convection and provides seven different output voltages from 12 to 48VDC. The RHM250P variant is also available offering an additional 5V / 2A standby rail and remote on off. All units offer continuous protection from short circuit, overload and overvoltage conditions as standard.

Designed for use in medical applications, the RHM250 series provides high efficiency and very low emissions, easily meeting EN55011 Level B making units ideal for both design reviews of existing products with their competitive pricing, or for use in new projects

that may not require any supplementary EMC filtering: The series works across a wide operating temperature range from -40 to +70°C, offers low no-load power consumption and features a FiDUS 5-year warranty.

The new power supplies feature

future proof designs with the latest medical approvals; safety IEC 60601-1 (ed 3.1) and EMC immunity IEC 60601-1-2 (ed 4). The models feature 2xMOPP input to output isolation, and are suitable for body floating (BF) applications for applied parts.

**Tel: 01183 420730**

