

## RVDT and RVIT accessories

### ABOUT RVDT AND RVIT

RVDTs are Rotary Variable Differential Transformers. They are non-contact angular position sensors based on the same principle as their linear equivalent, the LVDT. They include a rotor and a stator both made of ferromagnetic metal, but only the stator incorporates windings (one primary and two secondary).

RVITs are non-contact angular position sensors as well. Our proprietary design incorporates a set of printed circuit coils and electronic circuitry for signal conditioning. The light-weight aluminum rotor/spoiler allows superior response while maintaining a low moment of inertia.

Measurement Specialties, Inc. (NASDAQ MEAS) offers a full range of genuine Schaevitz® position sensors, signal conditioners, as well as many other types of sensors. Data sheets can be downloaded from our web site at:

<http://www.meas-spec.com/datasheets.aspx>



### MATING CONNECTOR FOR THE R36AS RVDT

Description: Bendix-type PT06A-10-6S(SR)  
Part Number: 62101011-000

Please contact the factory for mating plugs installed on cables of your desired lengths. We can also provide cables with custom lengths for interfacing this RVDT with our signal conditioners. Our cables are shielded and designed for optimum performance of our sensors and signal conditioners under industrial environments.



### R-FLEX™ MULTIPURPOSE COUPLING

The R-Flex coupling is a versatile, easily installed rotary sensor coupling that corrects for most types of rotary sensor shaft misalignment. Four (4) provided bushings allow mating the sensors with five (5) different shaft diameters.

Part Number: 66530072-000

Refer to the data sheet for detailed information on this device.



### FLANGE MOUNTING KIT FOR RVIT 15-60 AND 15-120i

This kit allows installing these RVITs on a bulkhead with four mounting holes. The flange installs onto the front face of the RVIT using two provided chamfer head screws. It is made of 6061-T6 Aluminum alloy with an anodize finish.

Part Number: 04180029-001



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### PSD 4-15 DUAL RAIL POWER SUPPLY FOR DC RVDTs AND RVITs

The PSD 4-15 power supply is designed for optimum operation of our DC RVDTs and RVITs. The output voltage is  $\pm 15\text{VDC}$  with 115 to 230VAC, 47 to 63 Hertz power input. The current capability is 100mA continuous and it can operate several sensors. This DIN standard rail mount power supply is CE certified and UL listed.

Part Number: 02291331-000

Refer to the data sheet for detailed information on this product.

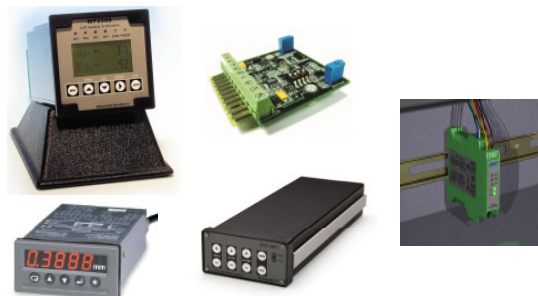


### GAGE HEAD INSTRUMENTATION FOR AC GAGE HEADS (GCA AND LBB SERIES)

Measurement Specialties offers a comprehensive selection of CE certified signal conditioners, panel displays and mini-controllers with voltage, current loop and digital outputs. These products are suitable for the most rigorous OEM, factory automation, process controls, materials testing, metrology and many other applications.

Data sheets and manuals can be downloaded from our web site at:

<http://www.meas-spec.com/position-sensors/position-sensor-instrumentation/lvdt-signal-conditioning.aspx>



### CONTACT INFORMATION

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