

ABOUT GAGE HEADS

Gage Heads, also called Gaging Probes, are spring or air actuated position sensors (LVDTs) with hard contact tips. TE Connectivity offers a full range of Gage Heads as well as signal conditioners and many other types of sensors. Data sheets, application notes and manuals can be downloaded from our web site at: <http://www.te.com/usa-en/products/sensors.html>.



CONNECTORS FOR GAGE HEADS WITH CABLE (LBB AND PCA SERIES)

Four different connectors can be installed at the factory to simplify your installation of LBB and PCA Series gage heads. To select the proper connector, simply add the appropriate part number suffix to the end of the gage head part number. If you prefer to install the connector yourself, you can order it with the part numbers provided in the table below:

Suffix for factory installed connector	Connector Description	Connector part number for customer installation
-001	Bendix-type PTO6A-10-6P (SR)	62101056-000
-004	DE-9P compatible with ATA2001	04290454-000
-005	Switchcraft-type 12CL5-M compatible with SYS-96 Dimensional Data Acquisition System	
-007	Switchcraft-type 05BL5-M compatible with MP series LVDT readout/controller	



MATING CONNECTOR AND EXTENSION CABLES FOR GC SERIES GAGE HEADS

There is only one connector mating plug for our gage heads equipped with integral connector (GCA, GCD, GCD-SE, GCT, and GC485):

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

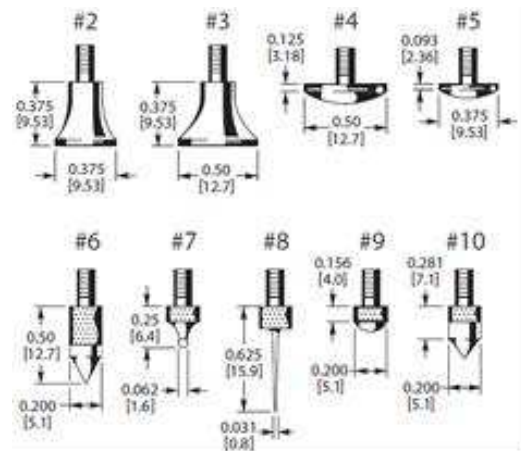
Please contact the factory for mating plugs installed on cables of your desired lengths. We can also provide cables with custom lengths for interfacing all our AC gage heads with our signal conditioners. Our cables are shielded and designed for optimum performance of our sensors and signal conditioners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

SPECIAL CONTACT TIPS

Nine different contact tips are available for special applications and as replacements for standard tips supplied with most gage heads. All contact points are 4-48 AGD threaded. To order, select the proper contact tip number from the table below:

Tip #	Part Number	Tip #	Part Number
2	67010005-000	7	67010009-000
3	67010006-000	8	67010010-000
4	67010002-000	9	67010001-000
5	67010007-000	10	67010011-000
6	67010008-000		

When ordering, please make sure to provide your gage head model number to ensure compatibility.



PSD 40-15 DUAL RAIL POWER SUPPLY FOR DC LVDT'S

The PSD 40-15 power supply is designed for optimum operation of our DC LVDTs with voltage, current or digital outputs. The supply voltage is $\pm 15\text{VDC}$ with 85 to 264 Volts AC, 45 to 65 Hertz line input. The current capability is 1A continuous and it can therefore operate multiple sensors. This DIN standard rail mount power supply is CE certified and UL listed.

Part Number: 02291339-000

Refer to the data sheet for detailed information on this product at:

<http://www.te.com/usa-en/product-CAT-PSI0009.html>



INSTRUMENTATION FOR AC LVDT'S

TE Connectivity offers a comprehensive selection 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.te.com/usa-en/products/sensors/position-sensors/signal-conditioning-lvdt-rvdt.html?tab=pqp-story>



NORTH AMERICA

Measurement Specialties, Inc.,
a TE Connectivity Company
1000 Lucas Way
Hampton, VA 23666
United States
Phone: +1-800-745-8008
Fax: +1-757-766-4297
Email: customercare.hmpt@te.com

EUROPE

MEAS Deutschland GmbH
a TE Connectivity Company
Hauert 13
D-44227 Dortmund
Germany
Phone: +49-(0)231-9740-0
Fax: +49-(0)231-9740-20
Email: customercare.dtmd@te.com

ASIA

Measurement Specialties China Ltd.,
a TE Connectivity Company
No. 26, Langshan Road
High-tech Park (North)
Nanshan District, Shenzhen 518057
China
Phone: +86-755-33305088
Fax: +86-755-33305099
Email: customercare.shzn@te.com

te.com/sensorsolutions

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DEALER / REVENDEDOR

Brazil and South America / Brasil e América do Sul



Address / Endereço:

Rua Sete de Setembro, 2656
13560-181 - São Carlos - SP
Brazil / Brasil

Phone / Telefone:

+55 (16) 3371-0112
+55 (16) 3372-7800

Internet:

www.metrolog.net
metrolog@metrolog.net

www.metrolog.net