



## GCD-SE Series Gage Heads - Precision Spring-Loaded

Features: • CE compliance • Heavy-duty, all welded construction • Unipolar ranges: 0.1" - 2.0" • 8.5VDC - 28VDC operation • Low power consumption • May be battery operated • 0VDC - 5VDC and 1VDC - 6VDC outputs • New heavy duty front end • Hermetically sealed design

GCD-SE Series Model No.	Linear Range Inches (mm)	Digi-Key Part No.	Price Each			Measurement Part No.
			1	5	10	
GCD-SE-100	0.10 (2.54)	356-1005-ND	382.24	341.63	321.09	02351006-000
GCD-SE-250	0.25 (6.35)	356-1006-ND	431.90	385.85	362.99	02351007-000
GCD-SE-500	0.50 (12.7)	356-1007-ND	488.64	437.17	410.56	02351008-000
GCD-SE-1000	1.0 (25.4)	356-1008-ND	514.16	460.12	432.08	02351009-000
GCD-SE-2000	2.0 (50.8)	356-1009-ND	555.49	497.17	466.62	02351010-000

## AccuStar® II Clinometer

AccuStar II combines the function of two clinometers in one package. The unique dome shaped design features a capacitance based sensor which produces output signals directly proportional to the relative tilt in two axis.

Features: • Two clinometers in one package • Adaptable design DC powered • Ratiometric and PW digital output in one model • Trimmable DC output

Description	Linear Range	Operating Temp. Range	Digi-Key Part No.	Price Each			Measurement Part No.
				1	10	25	
Dual Axis Clinometer	±20°	-20°C - 75°C	356-1034-ND	91.01	86.46	81.91	02119011-000

## Rotary Variable Inductance Transducer (RVIT)

The R120LC is a DC operated noncontact rotary transducer.

Description	Full Range	Input Voltage	Output Voltage	Digi-Key Part No.	Price Each			Measurement Part No.
					1	5	20	
R120LC Transducer	±60°	4.75-5.25VDC	0.5-4.5VDC	356-1076-ND	106.89	97.98	89.08	02183000-000

## AccuStar® Electronic Clinometers

The AccuStar Electronic Clinometer is an extremely accurate angle measurement device. This compact and rugged sensor is ideal where space is critical and environmental conditions are serious design concerns.

Features: • CE certified • Just 2" in diameter • Rugged plastic housing • Extremely accurate • Weighs only 2 oz.

Description	Linear Range	Operating Temperature Range	Digi-Key Part No.	Price Each			Measurement Part No.
				1	10	25	
Single Axis Ratiometric Vertical Flange	±45°	-30°C - 65°C	356-1032-ND	110.32	101.59	92.86	02110002-000
Single Axis Ratiometric Horizontal Flange	±45°	-30°C - 65°C	356-1033-ND	110.32	101.59	92.86	02110102-000

## Ares Series Pressure Transducers

The Ares Series is a small, low cost pressure transducer, which is able to measure pressures as low as 0 - 5, 0 - 10, 0 - 15 inches of water, and 0 - 1psig.

Features: • Very low pressure ranges • Small size • PCB mountable • Solder reflow capability • Barbed pressure ports

## LM Series Pressure Sensors

The LM Series incorporates stainless steel and plastic isolation suitable for water, other fluid and gas.

Features: • Low pressure ranges • High level output • Small size • Plastic fitting

Description	Output Voltage	Standard Pressure Range	Accuracy % FSD	Digi-Key Part No.	Price Each			Measurement Part No.
					1	10	25	
<b>Ares Series</b>								
PCB Mount	0.5-4.5V	5" H <sub>2</sub> O	0.25	356-1036-ND	23.89	19.27	16.31	GA100-005WD
PCB Mount	0.5-4.5V	10" H <sub>2</sub> O	0.50	356-1037-ND	23.89	19.27	16.31	GA100-010WD
PCB Mount	0.5-4.5V	15" H <sub>2</sub> O	0.50	356-1038-ND	23.89	19.27	16.31	GA100-015WD
PCB Mount	0.5-4.5V	1PSI	0.75	356-1039-ND	23.89	19.27	16.31	GA100-001PD
PCB Mount	0.25-4.5V	5" H <sub>2</sub> O	0.25	356-1040-ND	23.89	19.27	16.31	GA200-005WD
PCB Mount	0.25-4.5V	10" H <sub>2</sub> O	0.50	356-1041-ND	23.89	19.27	16.31	GA200-010WD
PCB Mount	0.25-4.5V	15" H <sub>2</sub> O	0.50	356-1042-ND	23.89	19.27	16.31	GA200-015WD
PCB Mount	0.25-4.5V	1PSI	1.2	356-1043-ND	23.89	19.27	16.31	GA200-001PD
<b>LM Series - RoHS Compliant</b>								
1/2" NPT, Plastic Fitting	0.5-4.5V	1PSI	0.25	356-1072-ND	84.31	68.44	55.75	LM31-00000F-001PG
1/2" NPT, Plastic Fitting	0.5-4.5V	5PSI	0.25	356-1073-ND	84.31	68.44	55.75	LM31-00000F-005PG
1/2" NPT, Plastic Fitting	0.5-4.5V	30PSI	0.25	356-1074-ND	84.31	68.44	55.75	LM31-00000F-030PG

◆ RoHS Compliant

## High Stability Stainless Steel Pressure Transducer

The Ultra Stable 300/600 from Measurement Specialties, incorporates an ultra-rugged IP 67 rated housing. All wetted parts are constructed of 316 (300 Series)/316L (600 Series) stainless steel, providing media isolation and no internal "0" rings.



	U300	U600
Pressure Range (PSIG)	0-15 - 500	0-15 - 500
Accuracy (combined linearity, hysteresis & repeatability)	±0.10% of FS	±0.10% of FS
Pressure Overload	3X	3X
Burst Pressure	4x or 20,000 PSI	
Outputs VDC or mA	0.5-4.5V 4-20mA	0.5-4.5V 4-20mA
Zero Offset (amplified output)	±0.50% of FS	±0.50% of FS
Span Tolerance	±0.50% of FS	±0.50% of FS
Long-Term Stability, Typical	±0.10% of FS/Year	±0.10% of FS/Year
Operating Temperature (°F)	(-40 - 221)	(-58 - 257)
(°C)	(-40 - 105)	(-50 - 125)
Thermo Zero Shift	±0.75% of FS	—
Thermo Span Shift	±0.75% of FS	—

Series	Operating Pressure Range	Voltage Supply	Digi-Key Part No.	Price Each			Measurement Part No.
				1	10	100	
<b>0.5-4.5V Output - 1/4" NPT, 2 Foot Cable</b>							
U331	15PSIG	4.75-5.25 VDC	356-1044-ND	100.83	82.69	69.58	US331-000005-015PG
	30PSIG		356-1045-ND	100.83	82.69	69.58	US331-000005-030PG
	100PSIG		356-1046-ND	100.83	82.69	69.58	US331-000005-100PG
	500PSIG		356-1047-ND	100.83	82.69	69.58	US331-000005-500PG
U331	15PSIA	4.75-5.25 VDC	356-1048-ND	100.83	82.69	69.58	US331-000005-015PA
	30PSIA		356-1049-ND	100.83	82.69	69.58	US331-000005-030PA
	100PSIA		356-1050-ND	100.83	82.69	69.58	US331-000005-100PA

## AngleStar® Digital Protractor

The AngleStar Digital Protractor Model DP-45 provides instant digital display of level, angle and tilt.

Features: • Reads in degrees • Alternate reference (floating zero) • Display hold • High impact plastic carrying case

Description	Linear Range	Operating Temperature Range	Digi-Key Part No.	Price Each			Measurement Part No.
				1	5	20	
Digital Protractor Model DP-45	±45°	0°C - 65°C	356-1035-ND	267.79	252.19	227.93	02475-01

## DC Powered Voltage Module

The LVM-110 Module is a DC-powered LVDT signal conditioner board consisting of a carrier oscillator, AC amplifier, demodulator, filter, and DC amplifier.

Features: • DC powered • Zero and span controls • Six jumper selectable gains • Plug-in, card edge, or stand-off installation • 2.5kHz, 5kHz or 10kHz excitation

Description	Operating Range	Power Range	Digi-Key Part No.	Price Each			Measurement Part No.
				1	5	10	
LVDT Signal Conditioner Board	3.5 ± 10% Vrms	2.5kHz, 5kHz, 10kHz	356-1001-ND	113.84	106.12	99.69	04171776-000

## Dual Channel LVDT Readout/Controller

The Measurement Specialties microprocessor based LVDT indicator and set-point controller is designed for industrial and process control applications utilizing any LVDT/RVDT-based measurement device.

Features: • 1/4 DIN aluminum case • EL back-lit • LCD display • Standard 9-Pin RS-232 Connector

Description	Linear Range	Operating Temperature Range	Digi-Key Part No.	Price Each			Measurement Part No.
				1	5	10	
MP2000 Series	<±0.02%	0°C - 55°C	356-1075-ND	635.25			02291335-000

Series	Operating Pressure Range	Voltage Supply	Digi-Key Part No.	Price Each			Measurement Part No.	
				1	10	100		
<b>4-20mA Output - 1/4" NPT, 2 Foot Cable</b>								
U381	15PSIG	10-30 VDC	356-1051-ND	104.23	89.34	77.43	US381-000005-015PG	
	30PSIG		356-1052-ND	104.23	89.34	77.43	US381-000005-030PG	
	100PSIG		356-1053-ND	104.23	89.34	77.43	US381-000005-100PG	
	500PSIG		356-1054-ND	104.23	89.34	77.43	US381-000005-500PG	
	15PSIA		10-30 VDC	356-1055-ND	104.23	89.34	77.43	US381-000005-015PA
30PSIA	356-1056-ND	104.23		89.34	77.43	US381-000005-030PA		
U631	15PSIG	4.75-5.25 VDC	356-1058-ND	116.16	95.84	87.12	US631-C00005-015PG	
	30PSIG		356-1059-ND	116.16	95.84	87.12	US631-C00005-030PG	
	100PSIG		356-1061-ND	116.16	95.84	87.12	US631-C00005-100PG	
	15PSIA		4.75-5.25 VDC	356-1062-ND	116.16	95.84	87.12	US631-C00005-015PA
	30PSIA			356-1063-ND	116.16	95.84	87.12	US631-C00005-030PA
<b>4-20mA Output - 1/4" NPT, 2 Foot Cable</b>								
U681	15PSIG	10-30 VDC	356-1065-ND	148.83	125.60	111.63	US681-C00005-015PG	
	30PSIG		356-1066-ND	148.83	125.60	111.63	US681-C00005-030PG	
	100PSIG		356-1067-ND	148.83	125.60	111.63	US681-C00005-100PG	
	500PSIG		356-1068-ND	148.83	125.60	111.63	US681-C00005-500PG	
	15PSIA		10-30 VDC	356-1069-ND	148.83	125.60	111.63	US681-C00005-015PA
	30PSIA			356-1070-ND	148.83	125.60	111.63	US681-C00005-030PA
	100PSIA			356-1071-ND	148.83	125.60	111.63	US681-C00005-100PA

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