





Tilt Sensors & Inclinometers





Angular Position Transducers (Inductive)

Model (모델)		Range (측정각도)	Excitation (공급전압)	Output (출력)	Data sheet (데이터 시트)
R60D		$\pm 60^\circ$	DC symmetrical ± 15 VDC	± 7.5 VDC	R60D
R30A		$\pm 30^\circ$ to $\pm 60^\circ$	AC operated	AC voltage	R30A

Tilt Sensors (Single Axis)




Model (모델)		Range (측정각도)	Output (출력)	Accuracy (정밀도)	Data sheet (데이터 시트)
AccuStar EA		$\pm 45^\circ$ to $\pm 60^\circ$	Voltage	0° to $10^\circ \pm 1\%$ 10° to $60^\circ \pm 0.75\%$ reading	AccuStar EA
IT 9000		$\pm 45^\circ$ to $\pm 240^\circ$	Voltage divider 4-20mA	$\pm 1\%$	IT 9000

Tilt Sensors (Dual Axis)

Model (모델)		Range (측정각도)	Output (출력)	Accuracy (정밀도)	Data sheet (데이터 시트)
DPL,DPN Series		$\pm 2^\circ$ to $\pm 30^\circ$	Voltage / RS232 SPI	$\pm 0.05^\circ$ to $\pm 0.8^\circ$	DPL,DPN Series
DOG2 Series		$\pm 25^\circ, \pm 45^\circ,$ $\pm 90^\circ$	Voltage / Current J1939 / CANopen	$< \pm 0.5^\circ$ (Full Temp.range)	DOG2 Series
DPG Series		$\pm 5^\circ$ to $\pm 30^\circ$	RS232 / Voltage	$\pm 0.05^\circ$ to $\pm 0.3^\circ$	DPG Series
D Series		$\pm 5^\circ$ to $\pm 30^\circ$	RS232 / Voltage Current / Switch PWM / CANopen	$\pm 0.04^\circ$ to $\pm 0.8^\circ$	D Series





Linear Position Transducer

Cable Extension Transducers





Model (모델)		Range (측정길이)	Output (출력)	Accuracy (정밀도)	Data sheet (데이터 시트)
PT1, PT5		0 - 2 to 0 - 250 inches	Voltage divider / 0 - 5VDC 0 - 10VDC / 4 -20mA Incremental encoder CANbus / DeviceNet / RS232	±0.04% to ±0.25%	PT1 PT5
PT8000		0 - 2 to 0 - 60 inches	Voltage divider / 0 - 5VDC 0 - 10VDC / 4 -20mA Incremental absolute encoder CANbus / DeviceNet / RS232	±0.04% to ±0.25%	PT8000
PT9000		0 - 75 to 0 - 1700 inches	Voltage divider / 0 - 5VDC 0 - 10VDC / 4 -20mA Incremental absolute encoder CANbus / DeviceNet / RS232	±0.04% to ±0.25%	PT9000
M150, MTA		0 - 1.5 to 0 - 5 inches	Voltage divider	±0.4% to ±1%	M150 MTA
MT2, MT3		0 - 3 to 0 - 30 inches	Voltage divider / Incremental encoder	±0.25% to ±1.1%	MT2,3
SM, SP		0 - 2.5 to 0 - 50 inches	Voltage divider 0 - 10VDC 4 - 20mA	±0.25% to ±1%	SM SP
SG, SR		0 - 80 to 0 - 175 inches	Voltage divider / 0 - 5VDC 0 - 10VDC / 4 -20mA Incremental encoder CANbus	±0.35% to ±0.5%	SG SR
SK1, SK6		0 - 250 and 0 - 400 inches	4 -20mA / 0 - 10VDC Voltage divider / CAN J1939 / CANopen Encoder drive	±0.25%FS	SK1 SK6
PT101		0 - 20 to 0 - 100 inches	Voltage divider / 0 - 5VDC 0 - 10VDC / 4 -20mA Incremental encoder Velocity output(DV301)	±0.04% to ±0.25%	PT101

Linear Position Transducer - Inductive




Absolute

Model (모델)		Range (측정길이)	Excitation (공급전압)	Output (출력)	Linearity (선형성)	Data sheet (데이터 시트)
HR		±0.05 to ±10 inches	AC operated	AC voltage	±0.25% of range	HR
M12		±10 to ±100 mm	AC operated	AC voltage	±0.25% of range	M12
HC		±0.05 to ±10 inches	AC and DC operated versions	AC or DC voltage 4 - 20mA loop or RS-485	±0.25% of range	HC
DC-SE		0 - 0.1 to 0 - 6 inches	8.5 to 28 VDC	0 - 5 VDC(4wire) 1 - 6 VDC(3wire)	±0.25% of range	DC-SE

Dimensional Gaging Products

Model (모델)		Range (측정길이)	Excitation (공급전압)	Output (출력)	Linearity (선형성)	Data sheet (데이터 시트)
LBB Spring-Extend		±0.02 to ±0.2 inches	AC operated	AC voltage	±0.2% of range	LBB Spring-Extend
PCA 375		±0.02 to ±1 inches	AC operated	AC voltage	±0.5% of range	PCA 375
GC		±0.05 to ±2 inches	AC or DC voltage	AC or DC voltage RS-485 or 4 - 20mA loop	±0.25% (Voltage) to ±0.5%(4-20mA) of range	GC
Ultimate-Precision Digital LBB		1,2,5 and 10mm	5VDC USB (Bus or external)	RS485:USB	accuracy ±0.2%	Ultimate-Precision Digital LBB









LVDT / RVDT INSTRUMENTATION

Model (모델)		Supply (공급전압)	Output (출력)	TYPE	Data sheet (데이터 시트)
LVM-110 LIM-420		DC voltage	DC voltage or current	Open circuit board	LVM-110 LIM-420
LDM-1000		10 to 30 VDC	DC voltage or current	DIN rail mount	LDM-1000
ATA-2001		115 and 220 VAC, 50-400Hz	DC voltage or current	1/8 DIN panel mount	ATA-2001

TE Pressure Sensors

Transducers and Transmitters

Industrial

Model (모델)	Type	Pressure Range (측정압력)	Output (출력)	Accuracy (정밀도)	Data sheet (데이터 시트)
US300	 Gage, absolute	0 - 15 to 5K psi	0 - 10mV/V, 0.5 - 4.5V, 1 - 5V, 4 - 20mA	±0.15%FSO (15 - 1K psi), ±0.25%FSO (>1K psi)	US300
AST20HA AST20PT AST20SW	 Gage, sealed gage, absolute	0 - 1 to 60K psi	0.5 - 4.5V (Ratiometric) 1 - 5V, 4 - 20mA, 0 - 5V, 0 - 10V switch(AST20SW)	±0.1% FSO	AST20HA AST20PT AST20SW
AST4000	 Gage, sealed gage, compound	0 - 25 to 10K psi	0.5 - 4.5V (Ratiometric) 1 - 5V, 1 - 10V, 4 - 20mA, 0.5 - 2.5V	-	AST4000
M5200	 Gage, sealed, compound	0 - 3.5 to 1K bar / 0 - 50 to 15K psi	0.5 - 4.5V, 1 - 5V, 0 - 5V, 0 - 10V, 4 - 20mA, 1 - 6V	±0.25% FSO	M5200
U5200 U5300	 Gage, sealed, absolute, compound	0 - 0.14 to 700bar / 0 - 2 to 10K psi	0.5 - 4.5V, 1 - 5V, 0 - 5V, 0 - 10V 4 - 20mA, 1 - 6V	±0.25% FSO (>5 and ≤500 psi)	U5200 U5300
D5100	 Differential wet/wet	0 - 0.07 to 35 bar / 0 - 1 to 500 psi	80mV/100mV, 0.5 - 4.5VDC, 1 - 5VDC, 4 - 20mA	±0.3%FSO(<5psi), ±0.25%FSO(5psi), ±0.1%FSO (≥15psi),	D5100
XP Series	 Gage, sealed, absolute	0 - 1 to 350bar / 0 - 15 to 5K psi(XP5,XPM10) 0 - 5 to 200bar / 0 - 75 to 3K psi(XPM4) 0 - 100 to 1K bar / 0 - 1.5K to 15K psi(XPM6)	20 - 100mV, 4V FSO(Amplified)	Down to ±0.25% FSO(XP5,XPM6, XPM10), Down to ±0.35% FSO(XPM4)	XP Series
XPC10	 Gage, sealed, absolute	0 - 10 to 500bar / 0 - 150 to 7.5K psi	12mV FSO, 4V FSO(Amplified)	Down to ±0.25% FSO	XPC10