

Pressure Transducer Selection Guide

Pressure range	Device type	Calibrated output voltage (volts)	Max. temp coeff/ temp range (\pm % span/ $^{\circ}$ C)/($^{\circ}$ C)	Linearity & hysteresis (\pm % span)	Short term repeatability (\pm % span)	Max. over pressure
ABSOLUTE DEVICES (continued)						
0 to 300 psia	LX1730A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	500 psia
0 to 300 psia	LX1430A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	500 psia
* 0 to 1000 psia	LX1440A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	1500 psia
0 to 2000 psia	LX1450A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	3000 psia
* 0 to 3000 psia	LX1460A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	4500 psia
0 to 5000 psia	LX1470A	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	7500 psia
ABSOLUTE DEVICES FOR BAROMETRIC APPLICATIONS						
*10 to 20 psia	LX1601A	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	40 psia
10 to 20 psia	LX1701A	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	40 psia
10 to 20 psia	LX3701A	2.5 \pm 0.2 to 12.5 \pm 0.2	0.0075/—25 to 75	0.5	0.4	40 psia
10 to 20 psia	LX3801A	2.5 \pm 0.2 to 12.5 \pm 0.2	0.0075/—40 to 75	0.5	0.4	40 psia
25.0 to 50.0m Hg	LX3700 AIM	2.5 \pm 0.15 to 5.0 \pm 0.15	0.005/—25 to 75	0.5	0.25	40 psia
25.0 to 50.0m Hg	LX3800AIM	2.5 \pm 0.15 to 5.0 \pm 0.15	0.005/—40 to 75	0.5	0.25	40 psia
*750 to 1250m Bars	LX3700AMB	7.5 \pm 0.15 to 12.5 \pm 0.15	0.005/—25 to 75	0.5	0.25	40 psia
750 to 1250m Bars	LX3800AMB	7.5 \pm 0.15 to 12.5 \pm 0.15	0.005/—40 to 75	0.5	0.25	40 psia
500 to 1000 Torr	LX3700AMM	5.0 \pm 0.15 to 10.0 \pm 0.15	0.005/—25 to 75	0.5	0.25	40 psia
500 to 1000 Torr	LX3800AMM	5.0 \pm 0.15 to 10.0 \pm 0.15	0.005/—40 to 75	0.5	0.25	40 psia
GAGE DEVICES						
0 to 15 psig	LX1602G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.09/—25 to 75	0.5	1.5	40 psig
0 to 15 psig	LX1702G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.09/—25 to 75	0.5	1.5	40 psig
0 to 30 psig	LX1603G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	50 psig
0 to 30 psig	LX1703G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	50 psig
—15 to 15 psig	LX1604G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	50 psig
—15 to 15 psig	LX1704G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	50 psig
0 to 60 psig	LX1610G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	100 psig
0 to 60 psig	LX1710G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.06/—25 to 75	0.5	1.0	100 psig
0 to 100 psig	LX1720G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	150 psig
0 to 100 psig	LX1620G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	150 psia
* 0 to 300 psig	LX1730G	2.5 \pm 0.15 to 12.5 \pm 0.15	0.03/—25 to 75	0.5	0.75	500 psig
DIFFERENTIAL DEVICES FOR APPLICATIONS WITH LOW DIFFERENTIALS						
* —1.5 to 1.5 psid	LX3700D	2.5 \pm 0.5 to 12.5 \pm 0.5	0.025/—25 to 75	0.5	1.0	40 psid
—5.0 to 5.0 psid	LX1601D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	40 psid
—5.0 to 5.0 psid	LX1701D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	40 psid
—5.0 to 5.0 psid	LX3701D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.0075/—25 to 75	0.5	0.4	40 psid
—5.0 to 5.0 psid	LX1611D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	100 psid
—5.0 to 5.0 psid	LX1711D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.09/—25 to 75	0.5	2.0	100 psid
—10 to 10 psid	LX1612D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.06/—25 to 75	0.5	1.5	100 psid
—10 to 10 psid	LX1712D	2.5 \pm 0.2 to 12.5 \pm 0.2	0.06/—25 to 75	0.5	1.5	100 psid

*Items normally stocked by ITT Electronic Services.

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING