



700 Series | A711-2A/B/C(4X)

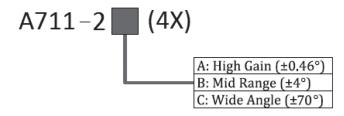
IP65 Weatherproof Floor-mount Tiltmeter



±4 μradians	A711-2B(4X) (Mid-range) ±4.0° 0.5°/V 1 µradian 2 µradians (static) 5% full (2% up to ±3°) 5 sec s/°C (typical)	711-2C(4X) (Wide-angle) ±70°* 10°/V 10 μradians 20 μradian 4% full (1% half span) 0.2 sec ±0.004°/°C (typical)		
µradian/mV <1 µradian radians (static) 1% 0.1! ±4 µradians	1 μradian 2 μradians (static) 5% full (2% up to ±3°) 5 sec s/°C (typical)	10 μradians 20 μradian 4% full (1% half span) 0.2 sec		
radians (static) 1% 0.15 ±4 µradians	2 μradians (static) 5% full (2% up to ±3°) 5 sec s/°C (typical)	20 µradian 4% full (1% half span) 0.2 sec		
1% 0.1! ±4 μradians	5% full (2% up to ±3°) 5 sec s/°C (typical)	4% full (1% half span) 0.2 sec		
0.1! ±4 µradians	5 sec s/°C (typical)	0.2 sec		
±4 μradians	s/°C (typical)			
		±0.004°/°C (typical)		
±0.04%/°				
±0.04%/°C (typical)		±0.13%/°C (typical)		
±8VDC (single ended); ±16VDC (differential)				
X-tilt, Y-tilt, Temperature				
270 ohms				
0.1°C/mV typical (single ended; 0°C = 0mV)				
±11 to ±15 VDC @ +11 and -6mA, 250 mV ripple max, reverse polarity protected				
-25 to +70°C operation; -30 to +100°C storage, IP65 (NEMA 4X)				
6 x 6 x 4 inches (15 x 15 x 10 cm), 3 lb (1.4 kg)				
Anodized and painted aluminum				
A		3m (10 ft) multiconductor cable + overall shield, PVC Jacket, connectors included		
_	±15 VDC @ +11 ar -25 to +70°C ope 6 x 6 x 4	25 to +70°C operation; -30 to +100°C stora 6 x 6 x 4 inches (15 x 15 x 10 cm), 3		

Specifications subject to change without notice on account of continued product development





ACCESSORIES

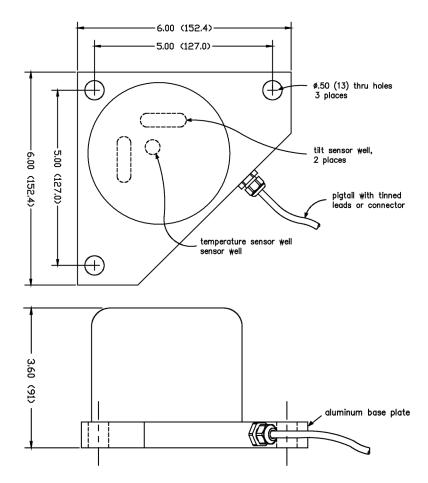
Part No.	Description
70304	Power/signal cable, 10-conductor (specify total length on order)
62301	Female panel receptacle (mates to 62302 connector included with tiltmeter)
62304	Extra female in-line receptacle (one included with tiltmeter)
719-AL	Vertical mounting bracket (L-bracket)
718-AL	Horizontal mounting plate



DIMENSIONS:

Top view

Side view



Dimensions in inches (mm)

WIRING/PIN-OUT:

Wire Color	Function	Bendix Connector
Red	+12 to +15V Power	Н
Black	Power Ground	Α
Violet	-12 to -15V Power	В
Blue	+Y-tilt out	G
Brown	-Y-tilt out	K
Gray	-X-tilt out	J
Green	+X-tilt out	С
White	Signal ground	E
Yellow	Temperature out	D