



Sensor	3D accelerometer, thermometer; 2D electrolytic cell, thermometer
Accelerometer range	$\pm 2 \text{ g}$
Accelerometer sensitivity	0.244 mg/LSB
Accelerometer stability	$\pm 0.008 \text{ \%/}^{\circ}\text{C}$
Accelerometer accuracy	$\pm 1 \text{ \%}$
Thermometer sensitivity (MEMS)	0.96 $^{\circ}\text{C/LSB}$
Thermometer repeatability (MEMS)	1 $^{\circ}\text{C}$
Electrolytic cell range (linear)	$\pm 25 \text{ }^{\circ}\text{C}$
Resolution of electrolytic cell	< 0.2 arc minutes (.003 $^{\circ}$ )
Repeatability of electrolytic cell	$\pm 0.1 \text{ }^{\circ}$
Temperature coefficient (electrolytic cell) Null Scale	20 arc seconds/ $^{\circ}\text{C}$ 0.1 $\text{\%/}^{\circ}\text{C}$
Total accuracy	Depending on MUMS chain configuration and length
Operating temperature range	-40 $^{\circ}\text{C}$ ÷ +85 $^{\circ}\text{C}$
Centre-to-centre between sensors	50 - 100 cm (standard) *
Dimensions:	
Length	57 mm
Width	32 mm
Height	136 mm
Node weight	0.2 kg
Kevlar cable traction strength	15 kN
Electrical cable	CEI 20-35

**DISCLAIMER:** ASE S.r.l. reserves the right to make changes to any product or technology herein to improve reliability, function or design without prior notification.

**MUMS is a patent system**

