

tilt link V

TECHNICAL SPECIFICATION

Measurement range	360°
Sensors	3D Accelerometer, 3D Magnetometer, Thermometer
Accelerometer range	± 2 g
Accelerometer sensitivity	0.244 mg/LSB
Accelerometer stability	± 0.008 %/°C
Accelerometer accuracy	± 1 %
Thermometer sensitivity	0.96 °C/LSB
Thermometer repeatability	1 °C
Magnetometer range	±1200 µT
Magnetometer sensitivity	0.1 µT/LSB
Magnetometer stability	±0.1 %/°C
Magnetometer hysteresis	± 1 %F.S.
Total accuracy	Depending on MUMS chain configuration and length
Operating temperature range	-40 °C ÷ +85 °C
Centre-to-centre between sensors	50 cm (minimum distance) 100 cm (recommended distance)
Length and Diameter	125 mm – 37 mm
Node weight	0.2 kg
Kevlar rope traction strength	15 kN
Electrical cable	CEI 20-35

DISCLAIMER: ASE S.r.l. reserves the right to change any product or technology in order to improve its reliability, functionality or design without prior notice.

MUMS instrument is
covered by a patent



ASE - ADVANCED SLOPE ENGINEERING S.r.l.

Via R. Koch 53/A, 43123 Fraz. Pilastrello, Parma – Italy

REA n. 258983

VAT IT02687890349

Phone: +39 0521 1404292

Email: info@aseltd.eu - aseparma@pec.it

Web: www.aseltd.eu