UAVSale

SST810 Dynamic Inclinometer

MD-P00802 · md-sst810-dynamic-inclinometer

SST810 Dynamic Inclinometer Features

TECHNICAL SPECIFICATIONS

- MIL-HDBD-338B - ISO 5348 IDT - MIL-STD-810F-501.4 - MIL-STD-810F-502.4 - MIL-STD-810F-503.4 - MIL-STD-810F-506.4	- MIL-STD-810F-510.4 - MIL-STD-810F-514.5 - MIL-STD-810F-516.5 - IEC60529 IP - EN61000 -4-2 ESD - EN61000-4-3 RS / - MIL-STD-810F-507.4 - EN61000-4-4 EFT - EN61000-4-5 SURGE - EN61000-4-6 CS - EN61000-4-8 PFMF - ISTA-2A
Roll/pitch rang	180 / 90
Resolution	0.05 (optional 0.1 or 0.03 or 0.01)
Response frequency	DC~800Hz
Accuracy	0.5 , dynamic(optional 1 or 0.3 or 0.1)
Refresh data	Adjustable 0.5-50Hz, optional max 400Hz
Angular velocity range	300 /s（max 2000 /s）
Acceleration range	5g（max 16g）
Power supply	9~36VDC
Power consumption	＜1W
Output interface	RS232, RS485, RS422, CAN2.0, CANopen, Ethernet
Output data	Roll & pitch angle data，optional triaxial acceleration and triaxial angular velocity data
Operation temperature range	-40～85℃
Storage temperature range	-40~85℃
MTBF	100000 h/times
Shock	1000g@1ms,three-axis, half- sine
Protection	IP67
Connecting	M12, 5-pin
Dimensions	81x54x28.5mm
Weight	240g（without connector and cable）
Pin	Wire color / RS232 / RS485 / CAN
1	Red / Power+ / Power+ / Power+

2	Black / Power- / Power- / Power□
3	Blue / TXD / A / CAN-H
4	Brown / RXD / B / CAN-L
5	Green / Signal GND / Signal GND / CAN-GND

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	SST810 Dynamic Inclinometer
Part number	MD-P00802
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.