



ATM200-A20

Actuator, AISG 2.0 default protocol

- Connects to the base station antenna for remote electrical tilt
- Factory set to AISG 2.0 mode
- Can be field reset to AISG 1.1
- Absolute position sensor eliminates the need for calibration
- LED indicates tilt movement

Electrical Specifications

Protocol	AISG 1.1 AISG 2.0
Default Protocol	AISG 2.0
Interface Protocol Signal	Data dc
Input Voltage	10–30 Vdc
Adjustment Cycles, minimum	10000 cycles
Adjustment Time, full range, maximum	22 s
Electrical Safety Standard	EN 60950 UL 60950
Electromagnetic Compatibility (EMC)	CFR 47 Part 15, Subpart B, Class B EN 55011 EN 61326-1 ETS 300 386 V1.3.2 2003
EU Certification	CE

Mechanical Specifications

AISG Input Connector	8-pin DIN Male
AISG Input Connector Quantity	1
AISG Output Connector	8-pin DIN Female
AISG Output Connector Quantity	1
Color	Black
Material Type	ABS
Lightning Surge Capability	5 times @ -3 kA 5 times @ 3 kA
Lightning Surge Capability Test Method	IEC 61000-4-5
Lightning Surge Capability Waveform	1.2/50 voltage and 8/20 current combination waveform

Environmental Specifications

Climatic Sequence Test Method	IEC 60068-2-14
Cold Exposure Test Method	IEC 60068-2-1
Corrosion Test Method	IEC 60068-2-11, Test Condition Ka IEC 60068-2-52, Test Condition Kb
Damp Heat Exposure Test Method	IEC 60068-2-30, Test Condition Db
Heat Exposure Test Method	IEC 60068-2-2
Ingress Protection Test Method	IEC 60529:2001, IP56
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Packaged Product Shock Test Method	ASTM D4169 GR-63-CORE, Section 4.1.1
Rain Simulation Test Method	IEC 60068-2-18, Test Condition Ra, Method 1
Relative Humidity	Up to 100%
UV Resistance Test Method	IEC 60068-2-5, Test Condition B

ATM200-A20

Vibration Test Method ASTM D4169 | IEC 60068-2-6

Dimensions

Width	71.1 mm 2.8 in
Depth	53.3 mm 2.1 in
Height	203.20 mm 8.00 in
Net Weight	0.2 kg 0.5 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

