

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

Product Classification

Product Type RET actuator

General 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

EU Certification CE

Dimensions

Height 203.2 mm | 8 in

Width 71.1 mm | 2.799 in

Depth 53.3 mm | 2.098 in

Electrical Specifications

Input Voltage 10–30 Vdc

Adjustment Cycles, minimum 10000 cycles

Adjustment Time, full range, maximum 22 s

Default Protocol AISG 2.0

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

Interface Protocol Signal Data | dc

Lightning Surge Capability 5 times @ -10 kA | 5 times @ 10 kA

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Lightning Surge Capability Test Method	IEC 61000-4-5
Lightning Surge Capability Waveform	1.2/50 voltage and 8/20 current combination waveform
Lightning Surge Test Mode	Common mode
Protocol	AISG 1.1 AISG 2.0

Material Specifications

Material Type	ABS
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Environmental Specifications

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 100%
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
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
UV Resistance Test Method	IEC 60068-2-5, Test Condition B
Vibration Test Method	ASTM D4169 IEC 60068-2-6

Packaging and Weights

Weight, net	0.2 kg 0.441 lb
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Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

