

ACCURET-A20



Actuator, AISG 2.0 default protocol

- Connects to the base station antenna for remote electrical tilt
- Easy to install; no tools required
- Easily mounts to back of antenna
- Factory set to AISG 2.0 mode

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

Dimensions

Height 205 mm | 8.071 in

Width 125 mm | 4.921 in

Depth 50 mm | 1.969 in

Electrical Specifications

Input Voltage 10–30 Vdc

Adjustment Cycles, minimum 10000 cycles

Adjustment Time, full range, maximum 30 s

Default Protocol AISG 2.0

Electromagnetic Compatibility (EMC) CFR 47 Part 15, Subpart B, Class A | EN 55022

Interface Protocol Signal RS-485

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

Lightning Surge Capability Test Method IEC 61000-4-5

Lightning Surge Capability Waveform 1.2/50 voltage and 8/20 current combination waveform

ACCURET-A20

Lightning Surge Test Mode Common mode

Protocol AISG 2.0

Material Specifications

Material Type ABS

Environmental Specifications

Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)

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 0.5 kg | 1.102 lb

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

