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
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