

# E-ATM300



## Actuator, Ericsson proprietary protocol

- Allows Ericsson base stations to easily control an ANDREW Teletilt® RET antenna
- Factory set to Ericsson proprietary mode
- Can be field or factory installed onto ANDREW Teletilt® RET antennas
- Absolute position sensor eliminates the need for calibration
- LED indicates tilt movement

### OBSOLETE

This product was discontinued on: December 31, 2017

#### Replaced By:

ATM200-A20

Actuator, AISG 2.0 default protocol

## Product Classification

**Product Type** RET actuator

## General Specifications

<b>AISG Input Connector</b>	8-pin DIN Male
<b>AISG Input Connector Quantity</b>	1
<b>AISG Output Connector</b>	8-pin DIN Female
<b>AISG Output Connector Quantity</b>	1
<b>Color</b>	Black
<b>EU Certification</b>	CE

## Dimensions

<b>Height</b>	203.2 mm   8 in
<b>Width</b>	71.1 mm   2.799 in
<b>Depth</b>	53.3 mm   2.098 in

## Electrical Specifications

<b>Input Voltage</b>	10–30 Vdc
<b>Adjustment Cycles, minimum</b>	10000 cycles
<b>Adjustment Time, full range, maximum</b>	22 s
<b>Default Protocol</b>	Ericsson proprietary

# E-ATM300

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
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	Ericsson proprietary

## 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
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

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UK-ROHS

Compliant/Exempted