

RET-200

RET Motor Assembly, AISG 2.0

- Electrically controls the antenna RF tilt
- Low power consumption @ idle stage
- Supports AISG v2 protocol only
- AISG RS485 male/female connector
- Supports daisy chaining



ELECTRICAL SPECIFICATIONS

Input/supply voltage	10-30 volts
Power consumption	2W max standby, 10W max active motor
AISG connector (RS485 interface + DC)	8 PIN female & 8 pin male AISG C091 connectors
RET-200 Master Controller	PCU-1000 AISG v2 only

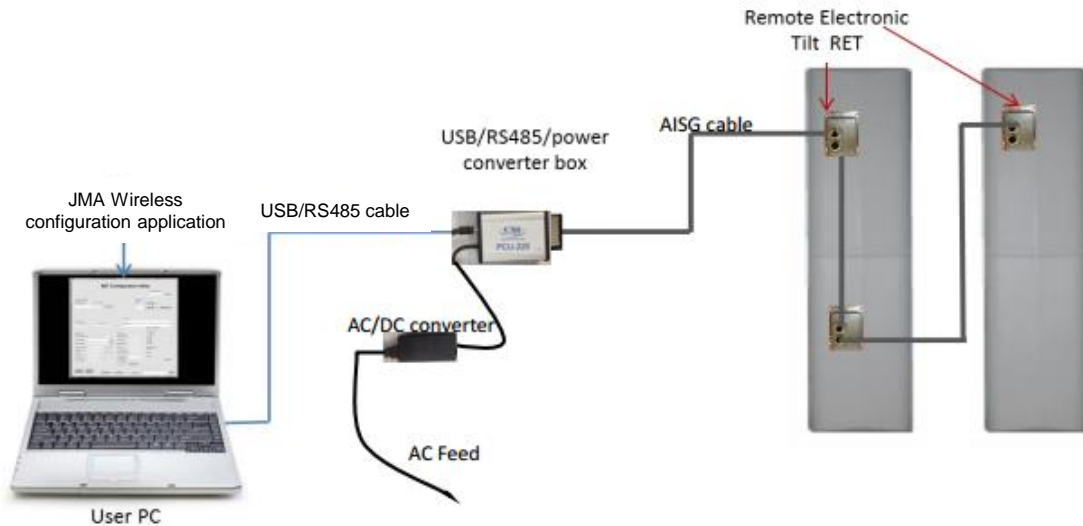
MECHANICAL SPECIFICATIONS

RET-200 dimension	3.4/2.4/1.3 in (86.3/60.9/33.0mm)
AISG connector torque	Min. .5 Nm to max 1.0 Nm (hand pressure & finger tight connector)
Mounting location	Back of antenna
RET weight	1.2 lb (0.054 kg)

SOFTWARE SPECIFICATIONS

RET-200 (RET) software	AISG v2 only
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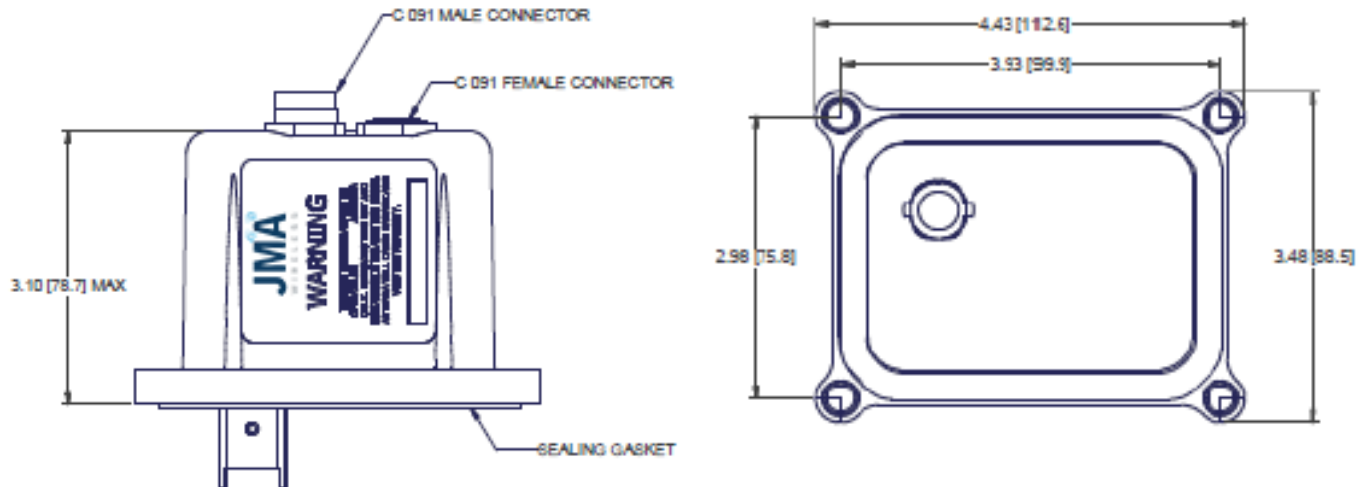
AISG v2 Remote Electrical Tilt System configuration



RET ELECTRICAL TILT MODEL

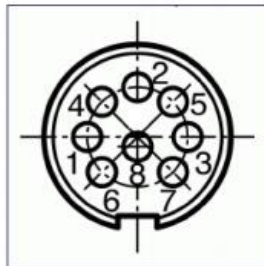
Model	Description
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Mechanical Outline Drawing

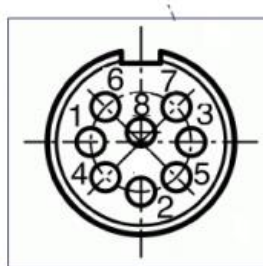


Pin Connections

(as defined in AISG v2.0 Section 6.3.1)



FEMALE
C091 CABLE CONNECTOR



MALE
C091 CABLE CONNECTOR

LOOKING INTO CONNECTORS

Pin Number	Signal (Function)
1	+12 VDC
2	No Connection
3	RS485 B
4	No Connection
5	RS485 A
6	10V - 30V DC
7	DC Return
8	No Connection