

Technical data

| | |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type | Mode-S Transponder Class 1 Level 2els |
| Approvals | EASA ETSO / FAA TSO, FCC |
| Compliance | ETSO-C112d, ETSO-C88a, ETSO-C166b / TSO-C112d, TSO-C88a, TSO-C166b (ADS-B Out) EUROCAE ED-26, EUROCAE ED-14F, EUROCAE ED-12C; EUROCAE ED-73E, EUROCAE ED-102 / RTCA DO-260B, RTCA DO-181E Software: RTCA DO-178C / ED-12C Level D; Hardware: RTCA DO-254 / ED80 Level C; Environment: RTCA DO-160G / ED-14G |
| Operating voltage | 9 – 33 V DC |
| Power consumption | 0.2 – 1.0 A (depending on the number of requests) |
| Transmission power | ≥ 24 dBW (250 W) |
| Transmission frequency | 1.090 ± 1 MHz |
| Operating temperature | -20°C...+55°C / -4°F...+131°F |
| Shock | 6 g in operation, 20 g breakage resistance |
| Weight | Standard: approx. 390 g / 0.86 lbs; Stack: approx. 610 g / 1.4 lbs |
| Maximum operating altitude | 30.000 ft |
| Maximum speed | 250 kt / 463 km/h / 287 mph |
| Dimensions | Standard: 146.2 × 63 × 62 mm / 5.75 × 2.5 × 2.4"; Ø 57 mm / 2¼" cut out Stack: 155.8 × 41 × 158.4 mm / 6.13 × 1.6 × 6.2" |

TQ-AVIATION

Dimensions Standard version in mm / inches

