



ALA-01 (100 m)

The ALA-01 is a laser altimeter for helicopters, UAVs and experimental aircraft. It is a landing aid that can be used for flight training or as a general purpose ground proximity sensor.



More info

Data sheet

- Weight :: 250 g
- Range :: 0 ... 100 meters (natural targets)
- Resolution :: 1 cm
- Update rate :: 16 readings per second
- Accuracy :: ± 10 cm
- Outputs & interfaces :: RS-232
- Power supply voltage :: 8 V ... 24 V DC
- Power supply current :: 0.25 A
- Laser power :: 20 W (peak), 11 mW (average), Class 1M
- Dimensions :: 101.5 mm x 58 diam.
- Operating temperature :: 0 ... + 40 °C
- Housing :: IP 67 Black anodised aluminium
- Mounting :: 4 x M4 bolts
- Optical aperture :: 50 mm
- Beam divergence :: 0.2°
- Lens material :: Acrylic
- Connections :: Amphenol Aerospace D38999/24WA-35PN