

FLD-E40-B0.4

| Parameter                | Performance                                                    |
|--------------------------|----------------------------------------------------------------|
| Wavelength               | 1064nm±5nm                                                     |
| Energy                   | ≥40mJ                                                          |
| Energy Stability         | ≤±10%                                                          |
| Beam Divergence          | ≤0.4mrad                                                       |
| Beam Jitter              | ≤0.05mrad                                                      |
| Pulse Width              | 15ns±5ns                                                       |
| Rangefinder performance* | 200m-7000m                                                     |
| Ranging Frequency        | Single、1Hz、 5Hz                                                |
| Rang Accuracy            | ≤±5m                                                           |
| Designation Frequency    | Central Frequency 20Hz                                         |
| Designation Distance*    | ≥4000m                                                         |
| Laser Coding Types       | Precise Frequency Code, Variable Interval Code, PCM Code, etc. |
| Coding Accuracy          | ≤±2μs                                                          |
| Communication Method     | RS422                                                          |
| Power Supply             | 18-32V                                                         |
| Standby Power Draw       | ≤5W                                                            |
| Average Power Draw(20Hz) | ≤25W                                                           |
| Peak Current             | ≤3A                                                            |
| Preparation Time         | ≤1min                                                          |
| Operating Temp Range     | -40℃-60℃                                                       |
| Dimensions               | ≤98mm×65mm×52mm                                                |
| Weight                   | ≤600g                                                          |

\*For a medium-sized tank (equivalent size 2.3m × 2.3m) target with a reflectivity greater than 20% and a visibility not less than 10km

