

PWM REMOTE CONTROL UNIT PRCU16

SLCU13DN controls PWM signals from a generator (i.e. Scanner) to a CO2 laser. In situations like F-Stop, door open and faults PWM to the laser will be halted. The laser will go in tickle mode and output energy will drop to zero.

In situations where PWM generator and CO2 laser out of design requirements is located more than 3 meters from the SLCU13DN PWM signal distortion can be expected. As a solution, a PRCU16 is installed near the scanner and laser to keep the PWM signal path as short as possible. PRCU16 switches PWM by a control line from ther SLCU13DN on and off.

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