= SGM256 = Protokoll zur Datenübertragung zwischen Kontrollern und Dimmern

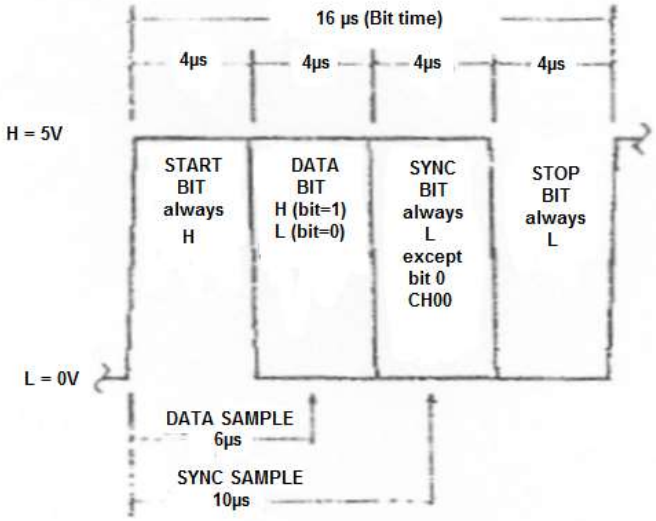
SENDEFORMAT

- 256 DIGITAL CHANNEL LEVEL
- MOST SIGNIFICANT CH. TO LEAST SIGNIFICANT CH.
- 8 BIT EACH CHANNEL (256 STEP RESOLUTION)
- MOST SIGNIFICANT BIT TO LEAST SIGNIFICANT BIT
- START / DATA / SYNC / STOP EACH BIT
- SYNC ACTIVE EACH END RECORD (BIT 0 – CH 00)

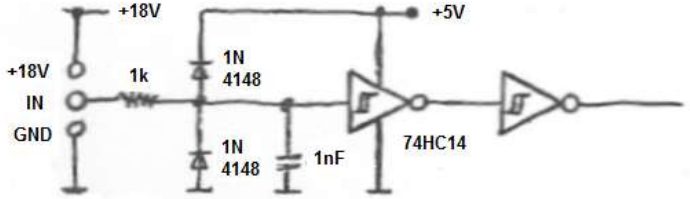
DATENRATE

- STATUS RATE: 250k pro Sekunde
- BIT RATE: 62,5k pro Sekunde
- FRAME RATE: 7,8125k pro Sekunde
- UPDATE RATE: 30,5 pro Sekunde
- STATUS TIME: 4µs +/- 1µs
- BIT TIME: 16µs +/- 1µs
- FRAME TIME: 128µs +/- 8µs
- UPDATE TIME: 32,768ms +/- 2ms

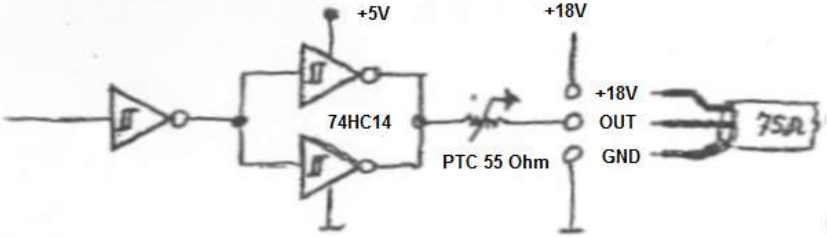
BIT FORMAT



SGM TYPICAL INPUT STAGE



SGM TYPICAL OUTPUT STAGE



VIEW WINDOW TRANSMISSION AROUND END RECORD

