



# TKLM-DT DATA SHEET

COMPACT OEM LASER DRIVER



The TKLM-DT driver is a compact current controller designed for stable and reliable operation of laser diode systems. Developed for compatibility with Flash Photonics TLKM-HT laser heads. Optional features include TEC temperature control, analog and digital modulation interfaces.

### Features:

- Turn-key operation
- Precision constant-current laser diode control
- Optional TEC temperature controller integration
- Analog and digital modulation support
- Soft start functionality
- Reverse polarity and transient protection
- Compact OEM form factor
- Remote interlock integration
- LED display

<b>Input Voltage</b>	12 - 25VDC
<b>Laser Current</b>	Up to 16 A
<b>TEC current</b>	Up to $\pm 15$ A
<b>Modulation Inputs</b>	Analog / TTL

