

## **MOST™ Laser Module** **For welding of Plastic Fibre Optic Cables on to plastic Inserts**

### **Features:**

- Very high process security
- Focused laser energy
- Superficial absorption of the laser radiation precisely in the welding area
- No distortion
- Low energy consumption
- Extended uptime with minimal maintenance requirements.
- LCD display of status and service messages.
- Control panel with keyboard

### **Compatible Tyco Electronics Products**

MOST™ transparent plastic inserts  
for Plastic Fibre Optic Cables

The laser module produces welded connections between the absorbing fibre optic cable inner coat and the transparent plastic insert.

The temperature of the welding process is monitored constantly via a pyrometer. During the process the actual temperature is constantly compared to the nominal value. This assures a verification of the process accuracy and the quality of the resultant optical connection.

The user friendly software facilitates the simple operation of the laser module and modifications to the process parameters.

MOST™ Laser Module for male inserts  
PN 4-0528030-1

MOST™ Laser Module for female inserts  
PN 4-0528030-2



Information regarding Laser Modules to apply other products is available upon request.

### **About Tyco Electronics**

Tyco Electronics is one of the major business units of Tyco International Ltd. Headquartered in Harrisburg, Pennsylvania, USA, Tyco Electronics is the world's largest passive electronic components manufacturer, and a world leader in cutting-edge wireless technologies, fiber optic active components, and complete power systems.

The company has facilities located in 56 countries serving customers in the aerospace, automotive, computer, communications, consumer electronics, industrial and power industries.

Tyco Electronics provides advanced technology products from over thirty well-known and respected product brands, including Agastat, Alcoswitch, AMP, AMP Netconnect, Buchanan, CoEv, Critchley, Elcon, Elo TouchSystems, HTS, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack, Simel and TDI Batteries.