

# VFL 5000

## Quick Start Guide

### Basic information on operation and storage

#### Safety

The **VFL 5000** emits visible laser light in the wavelength range around 635 nm. The device meets **Laser Class 2** (IEC 60825-1:2014) power specifications. During normal operation, the laser light is not dangerous, but we still recommend that you do not look directly into the laser output or into the end of a fiber connected to the fault locator.

#### Operation

The instrument can be switched on and off by pushing the button at the rear end. With a keypad pushbutton (red point in white ring marked „CW/Pulse“) the operator can select between a continuous light mode and a flash mode with approx. 3 Hz. The **VFL 5000** is equipped with a protection cap. Remove the cap when using the device. Replace the cap again after use to protect the optical adapter. The optical connector must be inserted all the way into the adapter.

#### Changing batteries

To open the instrument unscrew the knurled screw of the switch at the rear end. Remove the batteries, replace them with fresh ones (Micro AAA size) and screw in the switch again. For correct polarity the positive (+) poles of the batteries should point towards the laser unit. We recommend using AlMn batteries. If the device is to be stored for a longer period, remove the batteries.

#### Application

The **VFL 5000** is suitable for performing continuity checks and locating faults on singlemode and multimode optical fibers and components. A range of more than 5 km can be achieved in certain cases. A single universal adapter provides matching to all standard 2.5 mm optical fiber connector systems. The battery lifetime in blink mode is approx. 40 h for AlMn batteries.

#### Ambient temperature

Storage: -40 to +70 °C  
Operation: -10 to +45 °C

#### Disposal according to WEEE

Contact Softing IT Networks for disposal of the device or accessories. To ship back the goods please contact the number below.

#### NOTE:

Do not dispose of the device including the accessories in the household waste!  
Shipped free of charge cannot be accepted.

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