

LED Signal Panel Series (F)LM(B)

(F)LM - Functional Description:

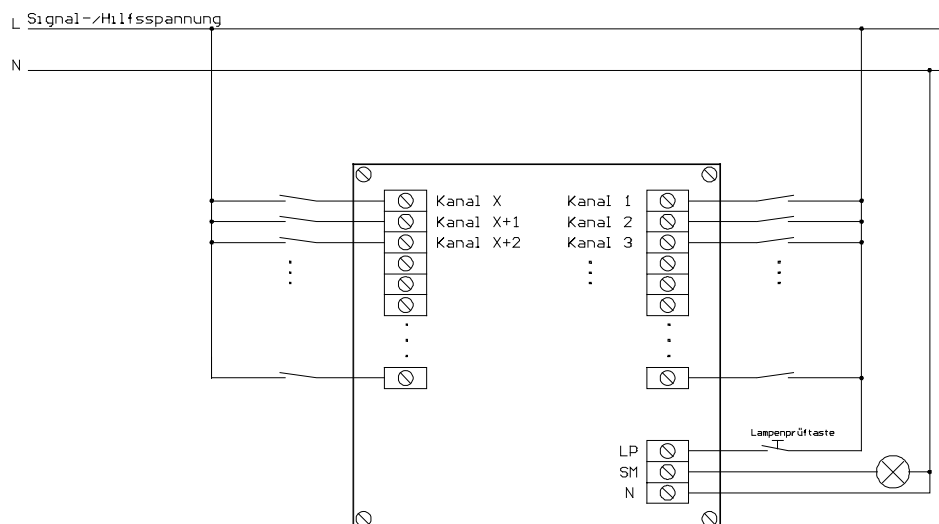
The signal panel type (F)LM 72-XX.X, (F)LM 96-XX.X or (F)LM 144-XX.X is a display unit for optical signals by LEDs. Option **F** means instead of engravable formica front (LM), there is a foil pocket in which printed paper stripes can be inserted (FLM).

As soon as a fault signal is applied to one of the signal inputs, the LED of the appropriate channel lights up. The LED goes out again as soon as the fault has been eliminated (no signal storage). Incoming message signals are decoupled through diodes and fed to the collective signal output. Pressing the lamp test button causes all the LEDs to light up.

(F)LMB:

Identical functions of (F)LM...-Signal panels and in addition all uneven inputs are designed as operating inputs and do not affect collective signal output.

Connection diagram:



Description of the terminals:

Input "1-36" (number, depending on the version):

Signal inputs for voltage value according to rating plate
Current requirement: $I \leq 6 \text{ mA}$

Input "LP" (Check LEDs):

Lamp test input for connecting a button to L.

Output "SM" (Collective signal):

Incoming message signals are decoupled through diodes and fed to the collective signal output (only the positive half wave for ac voltage signals). The output can be loaded with 1 A, whereby the current must be provided by the respective active signal inputs. If inductive loads are connected, these must be wired with suitable RC combinations.

Input "N":

Common ground terminal for the signal inputs.