EMCtools

Dual Monoflop



EMCtools

Dipl.-Ing. (FH) Armin Lenk Meginhardstrasse 50 88356 Ostrach-Magenbuch Tel: 0176/38139026 info@emctools.de



Dual Monoflop

Introduction and use

Functional tests during e.g. EMC susceptibility tests in test-labs require specific DUT monitoring. Often analog voltages of outputs have to be monitored. In combination with analog fiber optic sensors the EMCtools Dual Monoflop can be used to monitor 2 analog voltage values (e.g. outputs) of the DUT.

A lower and a higher voltage trigger limit can be chosen at the EMCtools Monoflop. If the voltage at the input is within or outside (selectable) the defined limits the Monoflop will trigger a TTL compatible output a defined time. This alarm can be used to evaluate failures during tests.

The input voltage range of the EMCtools Monoflop suits perfectly to the fiber optic sensors A100 or A200-seires of LANGER EMV-Technik GmbH, Bannewitz.

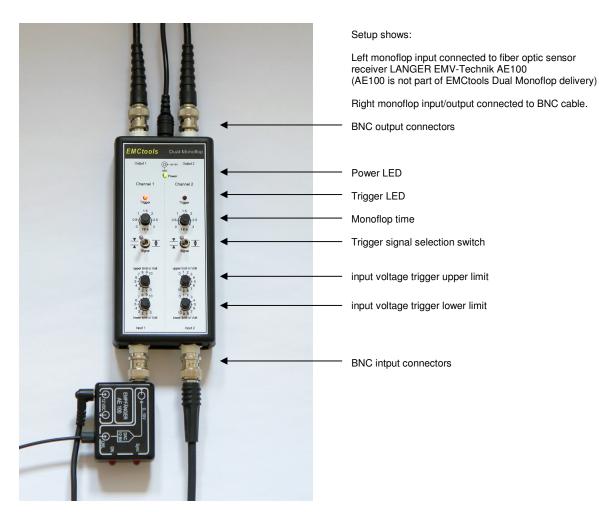


Photo: Typical setup EMCtools Dual Monoflop:

Technical data

power supply 9-15V DC, 50mA, dc jack 5,5/2,1 mm, center pin positive

monoflop time 0.1 - 3s

input voltage limits 0 - 10V, adjustable, scale reading tolerance $\pm 0.5V$

input connectors BNC input voltage protection 100V

output TTL, Ri = 1kOhm

output connectors BNC No. of Monoflops: 2

Delivered devices of the system and accessories

1 pcs EMCtools Dual Monoflop

1 pcs printed manual

1 pcs wall plug in power supply