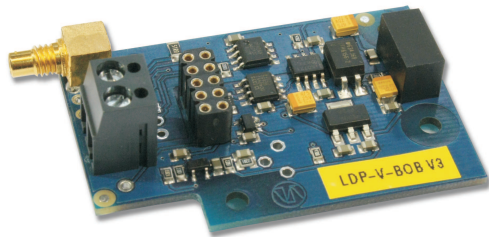


## LDP-V BOB

### Break out Board for LDP-V series



- Compatible with all LDP-V and LDP-AV pulsers
- Galvanically isolated trigger input
- Three different signal types for trigger input
- Overtemperature shutdown
- External high voltage input
- External disable connection
- Directly attachable on the pulser

### Product Description:

The LDP-V-BOB is a directly attachable board for an easy handling of LDP-V and LDP-AV pulsers. All important inputs and signals (i.e. supply voltage, pulse input trigger) can be applied with it.

The trigger input pulse can be connected as 50  $\Omega$  input signal, 5 V TTL signal or with a low voltage differential signal (LVDS).

On a soldering junction a disable signal can be connected. All input signals (trigger pulse and disable) are galvanically isolated. An external HV-DC supply can be connected straightly to the LDP-V-BOB.

A LED indicates an overtemperature of the connected pulser.

The complete supply voltage for the LDP-V-BOB on the pulser can be connected up with a screw connector.

### Technical Data:\*

Supply voltage	+15 V supply voltage BOB and pulser via screw terminal
Pulse trigger input	LVDS, 5 V TTL into 4700 $\Omega$ or 50 $\Omega$ via SMC-connector**
Disable input	5 V TTL (20 mA)
External HV power supply	0 .. 120 V
Min. pulse width	7 ns
Trigger delay	57 ns
Dimensions in mm	63 x 36 x 17
Weight	14 g
Operating temperature	-20 to +55°C

\* Technical data is subject to change without further notice.

\*\* See User Manual for Details.

**Compatible Products:** *LDP-V 03-100 V3*  
*LDP-V 50-100 V3*  
*LDP-V 240-100 V3*  
*LDP-AV D06-N20*

