JEBOOL

Data Acquisition Device DR-PLI

- Professional to apply DDAS technology;

- Very suitable to DAS of aPLI and Flex-PLI;

- 8×RS485 data bus, up to 96 sensor channels @ 20kHz;

- Flash Memory inside, the date can be recorded;

- Software and hardware trigger are supported;

- UPS Battery inside;

- Ethernet communication, Adapter Box included;

- Anti-Shock≥100g@6ms.

The DR-PLI is designed for Vehicle Pedestrian Protection Test Legform Impactor. It meets the leg type collection requirements of Flex-PLI and aPLI. Through the ADM module (ADM-Hub), the data is transferred to DR-PLI for collection and recording. It has a built-in rechargeable lithium battery and a Flash memory that is not lost when power is off; it also provides a redundant mechanism for software Start Recording trigger, external T0 signal trigger, off-line T0 trigger, and analog threshold T0 trigger, ensuring that the test is simple and reliable.
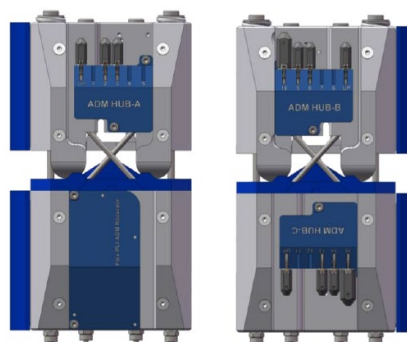
Specification (25℃):

Name	Unit	Value
Sensor Channels	Channels	36
Sampling Frequency	kHz	20
Recording Time	Sec (18 chs)	60
Flash Memory	MB	256
Trigger Input	/	SR&T0
RS485 Speed	Mbit/s	6
Current Output	mA	500/port
Ethernet	Mbit/s	100
Power Input	With Adapter	24V~48V
Power	W	30
Operation Temp.	℃	5~40
Weight (with battery)	grams	150

Flex-PLI: Omnetics 12pins connector, will switch into LEMO FGG.2B.312 by the extend cable.

aPLI: Magnet connector, will switch into LEMO FGG.2B.312 by the extend cable;

48 channels version is optional.

DP-PLI application on Flex-PLI:

Connecting diagram with sensors for Flex-PLI:

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