

HAY-POE-M

This HAY-POE-M PLUG AND PLAY inline PoE power meter, is designed to test voltage and current of PoE devices, such as CCTV PoE camera, Router or Switch.

Specification:

Model:HAY-POE-M

Input voltage: 40-57V DC

Input current: 0-999mA DC

Test Accuracy: voltage $\pm 1\%$, current $\pm 2.5\%$

Power consumption: <20mA

Input/Output interface: RJ45

Size:84*41*22.3mm

Weight:40gram

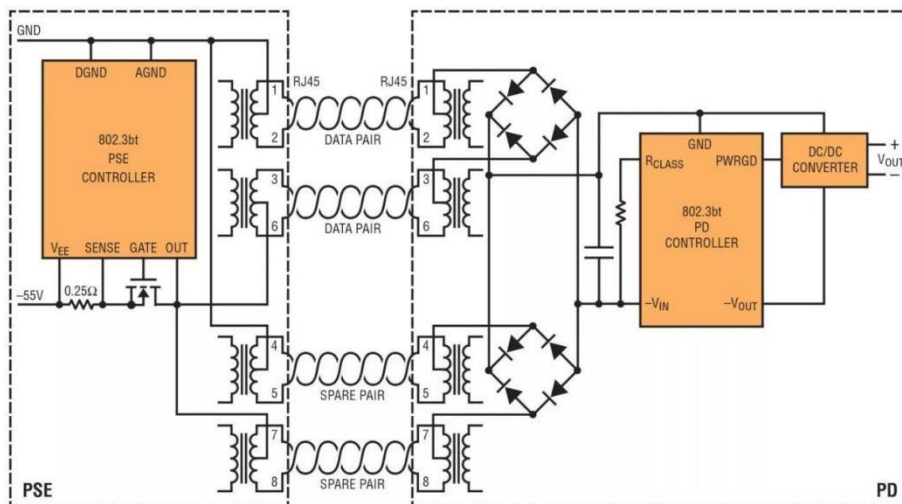


Types for PSE-PD Link: (PSE = Power Supply Equipment - PD = Powered Device)

Type 1: Power through 1/2 & 3/6 wire pairs

Type 2: Power through 4/5 & 7/8 wire pairs

Type 3: Power through 1/2 & 3/6 & 4/5 & 7/8 wire pairs



Typical Diagram for IEEE802.3bt PSE-PD Link

Connections:

Connect RJ45 cable from POE source to **POE IN** socket, connect the RJ45 cable from POE PD to **POE OUT** socket. **LED A** or **LED B** will light up, or both at same time. Voltage and Current of PD start show on the meter.

If the LED is flashing the units are in the process of handshaking the PoE devices connected. This can take up to 1 minute)

Test Modes for HAY-POE-M Meter

Mode A (Type 1 of PSE-PD Link):

LED A lights up, toggle the **switch** to left if it is not at "Position A".

The readings of voltage and current show the power consumption of PD.

Mode B (Type 2 of PSE-PD Link):

LED B lights up, toggle the **switch** to right if it is not at "Position B".

The readings of voltage and current shows the power consumption of PD.

Mode C (for Type 3 of PSE-PD Link):

BOTH LEDs A & B light up at same time. First, toggle the **switch** to "Position A" if it is not there, and record the current(C1).Second, toggle the **switch** "to "Position B" and record the current(C2).Third, add C1 and C2 together, the sum is the current of PD.

