

Hall voltage sensor

YHDC®
1992

Model: HCSR25-3

vacuum epoxy encapsulated: hall closed loop
voltage sensor.

Technical Index:

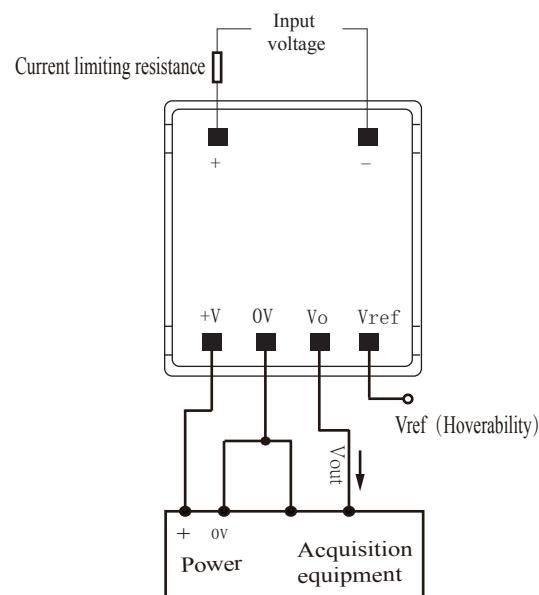
Flame resistance: UL94-V0
Working temperature: -10~+70°C
Storage temperature: -25~+70°C
Dielectric strength: 2.5KV 50Hz 1min



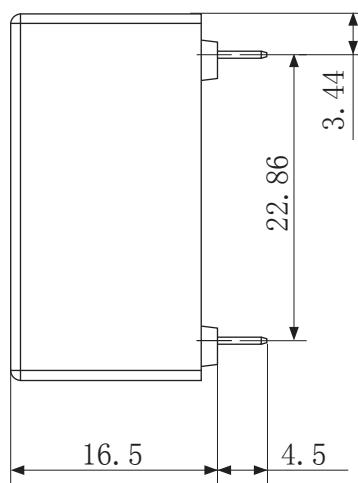
Electrical parameters:

I_{Pn}	Rated input	± 5	mA
I_{PM}	Input measured range	± 7	mA
V_{OUT}	Rated output	1.65 ± 0.625	V
X	Accuracy	1	%
ϵ_L	Linearity	0.2	%
V_C	Supply voltage($\pm 5\%$)	$+3.3$	V
I_C	Current consumption	≤ 20	mA + I _S
R_L	Load impedance	$\geq 10K\Omega$	Ω
I_{OE}	Zero offset TA=25°C	$\leq \pm 15$	mV
T_R	Response time	40	μs
N.W	Weight		g

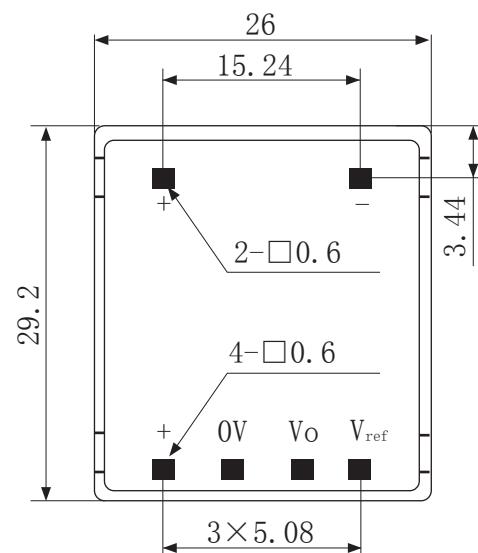
Connection diagram:



Dimensions (in mm) :



Side view



Bottom view