XC 宁波星成电子有限公司

Ningbo Xingcheng Electronic Co.,Ltd.

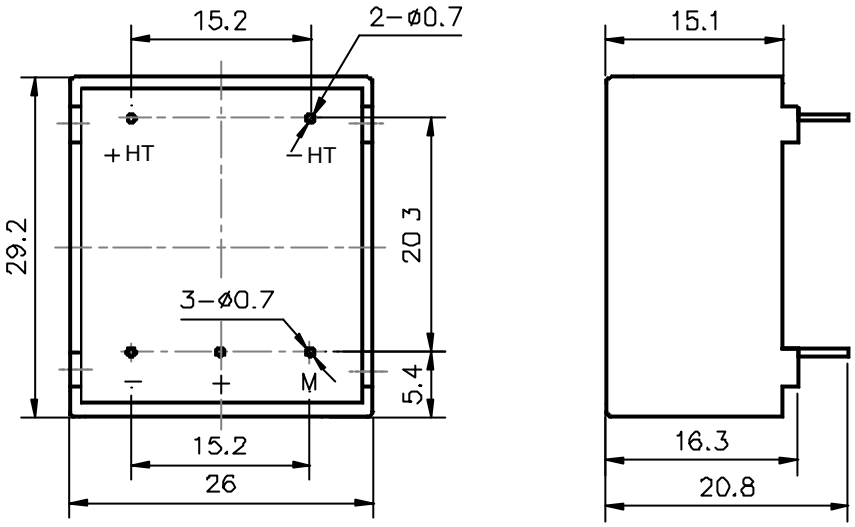
Voltage Transduce r CV25-P I_{PN} (r.m.s) =10mA

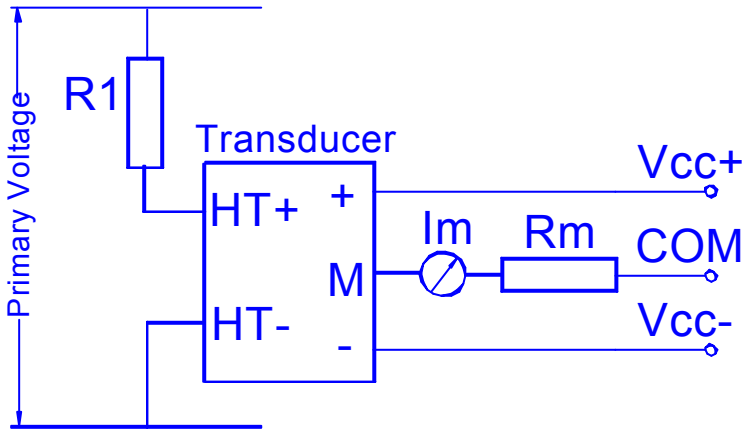
For the electronic measurement of voltages : DC, AC, pulsed..., with a galvanic isolation between the primary circuit (high voltage) and the secondary circuit (electronic circuit).

Performance data

Primary nominal r.m.s. current I_{PN} (r.m.s)		10		mA
Primary current, measuring range I_P		0..±14		mA
Measuring resistance		R_{Mmin}	R_{Mmin}	
with±12V	@±10mA$_{rms}$	30	190	Ω
	@±14 mA$_{rms}$	30	100	Ω
with±15V	@±10mA$_{rms}$	100	350	Ω
	@±14 mA$_{rms}$	100	190	Ω
Secondary nominal r.m.s. curren		25		mA
Conversion ratio :		2500：1000		
Supply voltage (± 5 %)		±12..±15		V
Current consumption		10(@±15V) +Is		mA
R.m.s. voltage for AC isolation test		4100		V/50Hz/1min
Accuracy	@I_{PN}, T_A=25℃	±0.8%		
Linearity		±0.2%		
Offset current	@ T_A=25℃, I_P=0	±0.15		mA
Thermal drift of I	@0℃..+70℃	±0.35		mA
Response time	@ I_{PN}90%	<40		μS
Ambient operating temperature		-40..+85		℃
Ambient storage temperature		-45..+90		℃
Primary coil resistance	@ T_A=70℃	250		Ω
Secondary coil resistance	@ T_A=70℃	110		Ω
Mass：		22		g

Dimensions & connections





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