

EST3123 Special Pressure Transducer for Centrifuges Assembly

- ✓ Pressure type: Gauge/Absolute Pressure
- ✓ Range: 0~5bar...50bar
- ✓ Accuracy: $\pm 0.5\%F.S$, $\pm 1.0\%F.S$
- ✓ Customized working temperature: $-35^{\circ}C \sim 105^{\circ}C$
- ✓ Signal output: 0.5~2.5...4.5Vdc
- ✓ Power supply: 5Vdc
- ✓ Housing material: Brass
- ✓ Ingress Protection: IP65
- ✓ OEM: Available



Applications

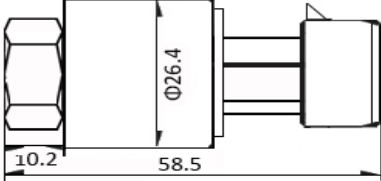
Large water-cooler centrifuges or chiller | Water-cooler single cold | Hot water units

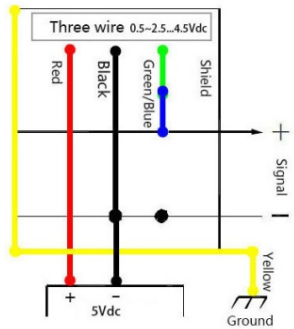
Product Introduction

EST3123 line is widely used in large water-cooler centrifuges or chillers, single-spiral water-cooled chiller or hot water units. Featuring strong anti-jamming capability, high reliability and adaptability, the product has been successfully used in 10000Vac water-cooled centrifugal chillers.

Electrical Connections and Dimensional drawings

Electrical connection		
Cable	Three wire	Packard
Red	Power Supply	B
Blue/Green	Output	C
Black	GND	A
Yellow	Shield	
Signal output		
Three wire	0.5~2.5~4.5V(dc)	





Specification

Measuring Range	0~5bar...50bar	Pressure type	GP (G), AP(A)
Overload pressure	2 times of rated pressure	Response time:	10ms/Max
Burst Pressure	5 times of rated pressure	Degrees of Protection:	IP65
Accuracy	$\pm 0.5\%F.S.$, $\pm 1.0\%F.S$	Static	$\pm 8Kv$ Air discharge, $\pm 4Kv$ Contact discharge;
Working temperature	-35~105°C	Electric Magnetic Field	$\pm 10V/m$
Electrical Connections	Packard	Applicable Refrigerant:	CR O-ring: R12, R22, R134A, R404A, R407C, R410A, R502, R507,
Pressure connection	7/16-20UNF, 9/16-20UNF		
Housing material	Brass		
Electrical parameters	Three wire		HNBR O-ring: R134A, R404A, R407C, R410A, R507
Output Signal	0.5~2.5...4.5Vdc		
Power supply	5Vdc		
1MPa=10bar; 1bar \approx 14.5PSI; 1PSI=6.8965kPa; 1kgf/cm ² =1atm; 1atm \approx 98kPa			