

CkCY16-4 series of pressure sensors and transducers

Characteristic:

This series of pressure sensor / transducer choose full stainless steel structure, it applied to the advanced American silicon tech insulated parts and digital compensated tech, so that can carry out the full range temp compensation and linearity compensation.

Application:

Widely used in water disposal, electric power, power monitor and control, mining equipments, medical treatment equipments industrial automatization. This new product is the substitute for old pressure equipments.

Connection notes:

Cell: red (input+), black input-)green (output+), white (output-)

Transducer:

- ◆ double-line modes 4-20mA (red+, black-)
- ◆ three-line modes red(power supply+), black (public),green (signal+)

Sampling notes:

GkCY-4- X---Y

Circuit output modes

0= spicule

1= sewing nut

Type

10=double-line mode 4-20mA

20=three-line mode 0-5VDC

21=three-line mode 0.5-4.5VDC

22= three-line mode 1-5VDC

30=mV-grade output

40=special request

Technical specification:

Capacity	Psig	0-5-500
Comprehensive error	%FS	0.25
Nonlinearity	%FS	±0.2
Hysteresis	%FS	±0.1
Repeatability	%FS	±0.1
Zero drift	%FS	±1
Full range drift	%FS	±1
Supply voltage	VDC	5-10 (cell's) 9-36(transducer)
Safe load	%FS	200
Safe overload	%FS	500
Operation temp	°C	-40--+120
Insulation resistance	MΩ(50VDC)	≥100
Long term stability	%FS/6 month	±0.15