

## GkCY16-5 series of high precision level sensors and transducers

### Characteristic:

This series of sensor / transducers choose the advanced silicon resistant tech insulated parts and digital compensated tech, it can carry out the full range temp compensation and linearity compensation.

### Application:

Widely used in wind pressure measuring of electric power, heating supply and industrial vault.

### 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-5- X---Y

Circuit output modes

0= aeronautic jack

1= cable

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	kPa	0.5,1,3,5,10,20,50,70
precision	%FS	±0.2
Nonlinearity	%FS	±0.15
Hysteresis	%FS	±0.1
Repeatability	%FS	±0.1
Zero drift	%FS	±1
Supply voltage	VDC	5-10 (cell's) 9-36(transducer)
Insulation resistance	MΩ(50VDC)	≥500
Safe load	%FS	500
Operation temp	℃	-40--+120
Temp compensation	℃	-20-+85
Medium compatibility	Thin caustic gas or liquid	
Long term stability	%FS/6 month	±0.1