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.

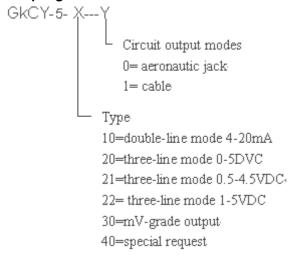
Connection notes:

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:



Technical specification:

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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	${\mathbb C}$	-40+120
Temp compensation	$^{\circ}$	-20-+85
Medium compatibility	Thin caustic gas or liquid	
Long term stability	%FS/6 month	±0.1