

PC13III Sensor for Fireman

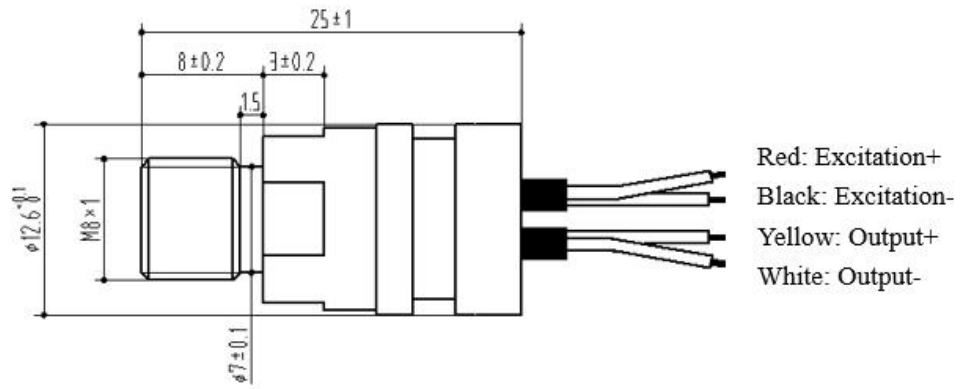


- Imported sensor die with high reliability
- Temperature compensation of wide range
- Constant voltage compensation for normalized output
- Sealant pouring compensating board with excellent moisture resistance
- Small size, convenient for installation and use
- Pressure connection customization available
- Sensor diameter: 12.6mm

PC13 III sensor for fireman is an OEM pressure measuring element that adopts stainless steel corrugated diaphragm for isolation. The product is designed in all solid structure, with high proof pressure, good stability and reliability. It is especially applicable to the measurement of medium with high pressure. A high sensitivity silicon pressure chip is employed in the sensor. Pressure sensitive components are automatically tested by computer. Constant voltage compensating board is provided for zero correction and temperature compensation.

Pressure range	
Pressure range	40MPa
Pressure reference	Sealed gauge pressure
Output signal	
Zero output	$\pm 1\text{mV}$
Span output	$\geq 29.5\text{mV}$
Specification	
Excitation	$2.1\text{VDC} \pm 0.002\text{VDC}$
Compensated temp.	$-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Nonlinearity	$\pm 0.25\%\text{F.S.}$
Insulation resistance	$\geq 200\text{M}\Omega/250\text{VDC}$
Zero temp. coefficient	$\pm 0.8\%\text{F.S.} (@ -30^{\circ}\text{C} \sim 70^{\circ}\text{C})$
Span temp. coefficient	$\pm 0.8\%\text{F.S.} (@ -30^{\circ}\text{C} \sim 70^{\circ}\text{C})$
Housing and diaphragm	Stainless steel 316L

Drawing



In mm

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