

NaK-Filled Pressure Transmitter or Differential Pressure Transmitter Data Sheet

Creative Engineers, Inc.

Please complete data sheet and submit to Creative Engineers for review.



Contact Name: _____

Company: _____

Project Name: _____

Item Tag: _____

Item Description: _____ Pressure of..., Level of..., Pressure drop across...

Item Type: _____ (PT or dPT)

Fluid Type				
		Value	Units	Notes
Process Pressure	Min			Typically kPA, psig, psia, or inches w.c.
	Normal			
	Max			
Static Pressure	Max			For dPT, the pressure acting on both diaphragms
Process Temperature	Min			Typically Deg F or Deg C
	Normal			
	Max			
Ambient Temperature	Min			Typically Deg F or Deg C
	Normal			
	Max			
	Indoor/Out			
Transmitter	Manufacturer			Customer preference if any for CEI consideration
	Model			
	Case Type			Typically Mfg. standard case and color
	Mounting			Typically supplied with pipe mount bracket
	Power			Typically 24 VDC loop powered
	Output			Typically 4-20 mdc w/Hart protocol
	Elect. Class			Typically general purpose or CI1, Dv2, Gp B,C,D
Calibration			Typically to min/max pressure above	
Process Connection	Size			
	Type			Examples: NPT, Grayloc, SW, Flange
	Material			Standard is 316/316L SS, many others available
	Diaphragm Insertion			Length to protrude from flange, typical of sticky materials in tanks, often "none"
Diaphragm and Capillary	Size			Often determined by CEI
	Material			Often determined by CEI
	Thickness			3-4 mm standard, often determined by CEI
	Capillary Length			5 foot minimum std., 5-10 foot typical
Quality	Material Certs			Yes or No, explain if needed
	Weld Inspect			
	NIST Calibration			
	PMI			
Other				