Surpass model HPSX Pressure sensor

FEATURES

- Wetted parts are anti-corrosive fluorine resin materials
- This is a gas-permeable proof product.
- Zero adjustment can be performed using the button or an external input.
- An LED indicator shows the power status and confirms when zero adjustment is complete.
- An output signal also indicates when zero adjustment is complete.



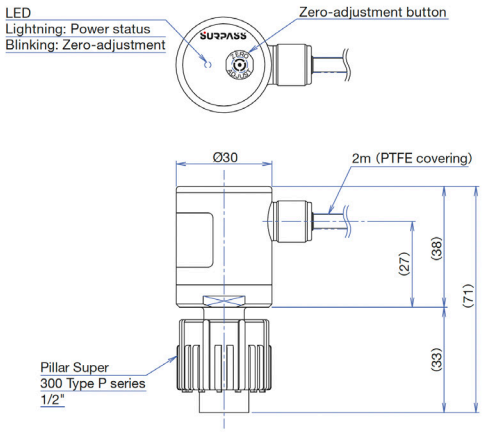
Caution:

- Do not rotate the red sensor case. It may cause malfuntion

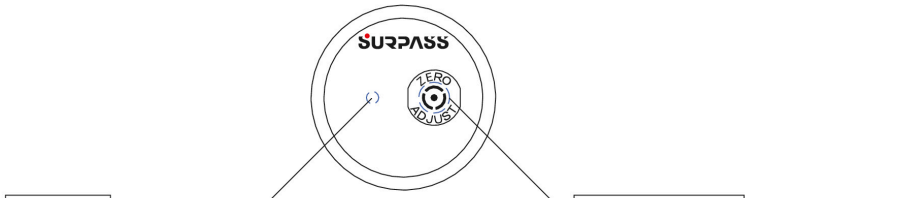
Type		HPSX-1/2-P300P-3	HPSX-1/2-P300P	HPSX-1/2-P300P-7
Pressure type		Gauge pressure		
Rated Pressure		0~300kPa	0~500kPa	0~700kPa
Withstanding pressure		450kPa	750kPa	800kPa
Fitting		Pillar Super 300 Type P series		
Connection type		Tube fitting nut space-saver type		
Connection size		1/2"(Ø12.7×Ø9.53)		
Wetted parts		PTFE, PFA		
Fluids		Gas, Liquid (DI water and Chemical)		
Fluid temperature		15~80°C		
Ambient temperature		15~50°C		
Linearity		±1% F.S. (at 25°C)		
Hysteresis		±1% F.S. (at 25°C)		
Temperature drift		±0.05% F.S./°C		
Analog output		DC 4~20mA		
Power supply		DC 12~24V ±10%		
Current consumption		12V Max. 100mA / 24V Max. 70mA		
Degree of protection		In accordance with IP65		
Cable specifications	Length	2m (PTFE jacket covering)		
	Thickness	AWG28		
	Cores	6		
	Core outer diameter	Ø0.83		
	Outer diameter	PTFE covering Ø4.8, PVC covering Ø3.3		
	Covering material	PTFE, PVC		
	Standard	UL style 2725		

DIMENSIONS

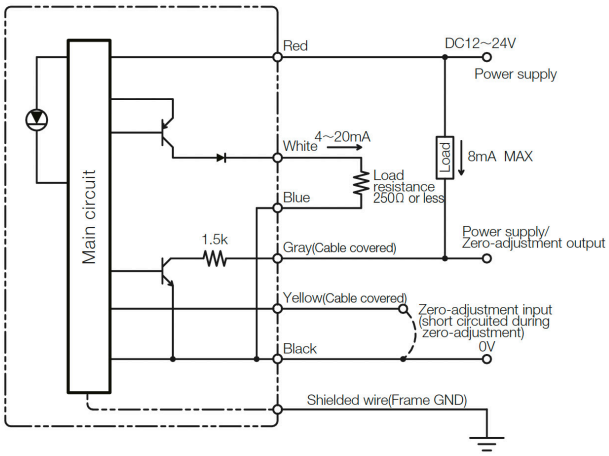
●HPSX-1/2-P300P-□



Upper Surface



Wiring



Usage Note: Zero adjustment must be processed under zero pressure.