

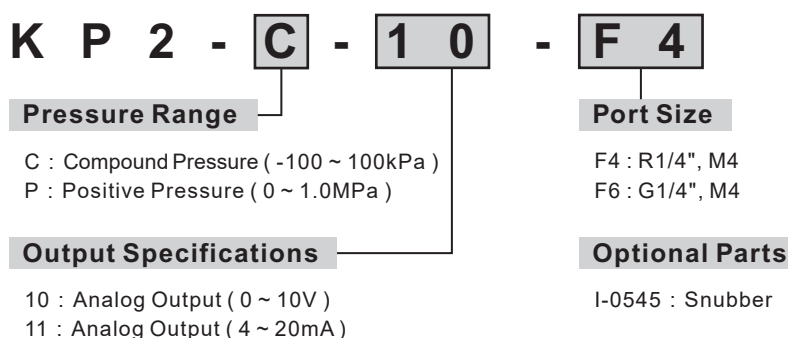
For your safety, please read the following before using.

- ① Do not use corrosive fluid SUS 316, please confirm the specifications in detailed.
- ② Please use within the rating pressure range. Do not apply pressure beyond recommended maximum withstand pressure, permanent damage to the pressure sensor may occur.
- ③ Do not drop, hit or allow excessive shock. Even if pressure gage body appears undamaged, internal components may be broken and can cause malfunction.
- ④ This product is not explosion-proof rated. Do not use in atmosphere containing flammable or explosive gases.
- ⑤ When piping, suggest to use filters to increase product service life.
- ⑥ The product is complied CE certificate, but no surge absorber. If required, please find other way to solve.
- ⑦ Sensors at end-of-life must be disposed of in accordance with E-Waste regulations of the country/region, NOT disposed of with regular garbage.

A SPECIFICATIONS

MODEL		KP2-C-10	KP2-C-11	KP2-P-10	KP2-P-11
		Compound Pressure		Positive Pressure	
Rated pressure range		-100 ~ 100 kPa		0 ~ 1.0 MPa	
Withstand pressure		500 kPa		5 MPa	
Fluid		Fluid or air that will not corrode SUS316 and fluororubber (FKM)			
Sealed Liquid		Silicone oil			
Power supply voltage		15 ~ 24 V DC \pm 10 %, Ripple (P-P) \leq 10 %			
Current consumption		\leq 10 mA (with no load)	—	\leq 10 mA (with no load)	—
Hysteresis		\pm 0.1 % F.S.			
Repeatability		\pm 0.1 % F.S.			
Analog output (Voltage output)		Output Voltage : 0 ~ 10 V \pm 1 % F.S. Linearity : \pm 0.5 % F.S.			
Analog output (Current output)		Output Current : 4 ~ 20 mA \pm 1 % F.S. Linearity : \pm 0.5 % F.S. Max. Load Impedance : 150 Ω at power supply of 15 V, 750 Ω at power supply of 24 V			
Environment	Enclosure	IP65			
	Ambient temp. range	Operation : -20 ~ 80 °C, Storage : -40 ~ 120 °C (No condensation or freezing)			
	Ambient humidity range	Operation / Storage : 35 ~ 85 % RH (No condensation)			
	Withstand voltage	250 V AC in 1-min (between case and lead wire)			
Insulation resistance		\geq 100 M Ω (at 500 V DC, between case and lead wire)			
Temperature Characteristic		$\leq \pm$ 1.5 % F.S. of detected pressure (25°C) at temp. (Range of -20°C ~ 85°C)			
Port size		F4 : R1/4", M4 ; F6 : G 1/4", M4			
Lead wire		\varnothing 5.5 PVC - 24 AWG (0.2 mm ²) - 3 cores			
Weight (with 3 meter lead wire)		Approx. 177 g			

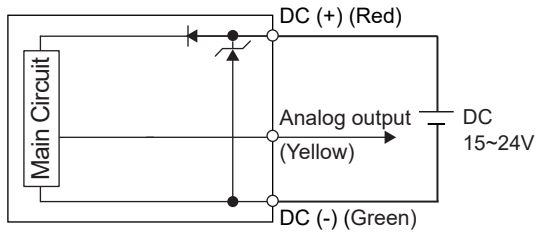
B ORDERING INFORMATION



C OUTPUT CIRCUIT WIRING DIAGRAMS

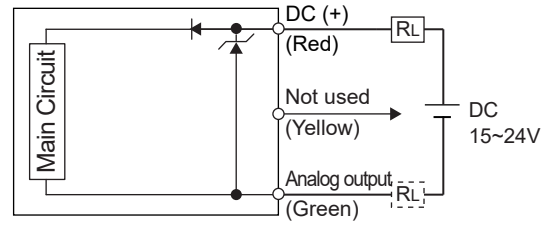
KP2 - □ - 10

Analog output (0 ~ 10 V)



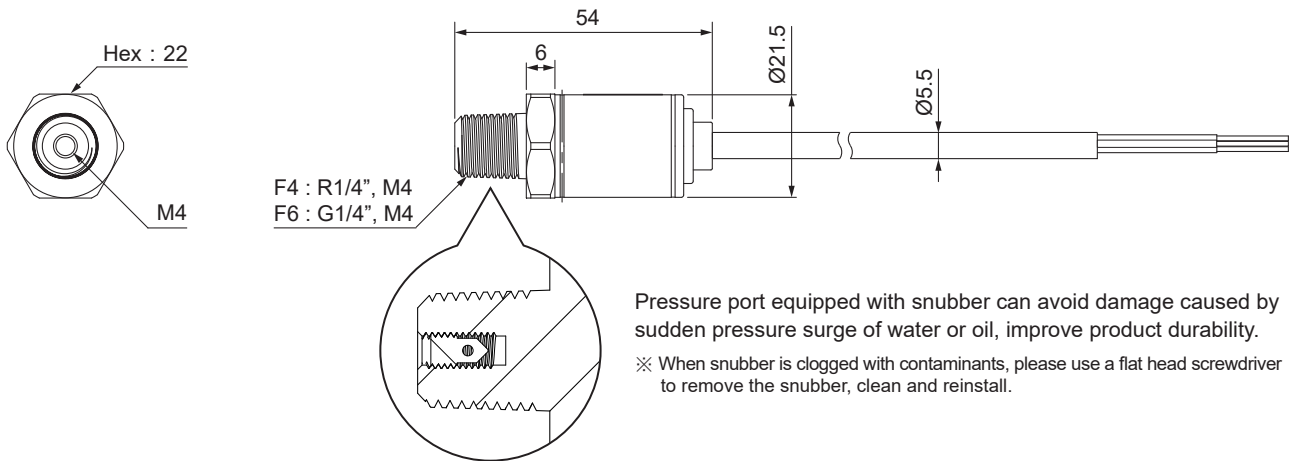
KP2 - □ - 11

Analog output (4 ~ 20 mA)



※ Please instal Load on Power Supply Voltage (DC+) or Analog output side)

D DIMENSIONS



Unit:mm