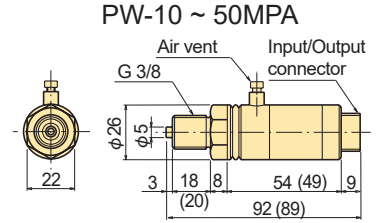
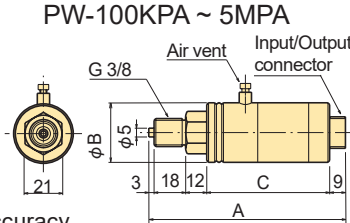


PRESSURE TRANSDUCERS

PW-PA Pressure Transducer 100kPa~50MPa



The PW-PA pressure transducer can make stable high-accuracy measurement over a long period of time. It is widely used in production lines and plants and to measure liquid pressure, air pressure, and so forth in laboratories.

Protection ratings: IP42 equivalent PW-100KPA, 200KPA / IP65 equivalent PW-500KPA~50MPa

■ Dimensions

Figures in parentheses are of PW-50MPa.

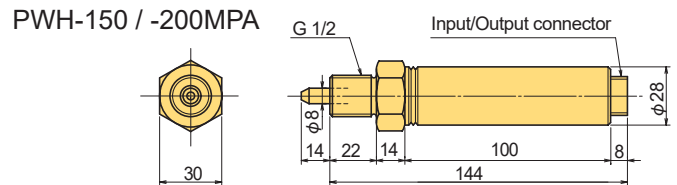
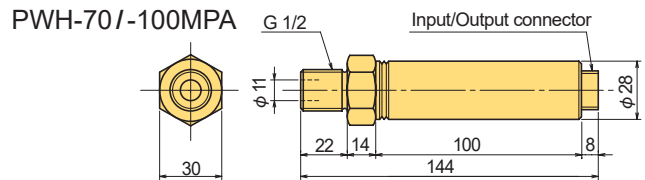
TYPE	A	φB	C
PW-100~ 500KPA	105	42	63
PW-1~ 5MPa	112	34	70
PW-10~ 50MPa	As per the figure		

■ SPECIFICATIONS

TYPE	PW-100KPA	PW-200KPA	PW-500KPA	PW-1MPa	PW-2MPa	PW-5MPa	PW-10MPa	PW-20MPa	PW-30MPa	PW-50MPa	
Capacity	100kPa	200kPa	500kPa	1MPa	2MPa	5MPa	10MPa	20MPa	30MPa	50MPa	
Rated Output	1mV/V(2000×10 ⁻⁶ strain)±1%	1.5mV/V(3000×10 ⁻⁶ strain)±1%				2mV/V(4000×10 ⁻⁶ strain)±1%					
Non-linearity	0.3%RO				0.2%RO						
Hysteresis	0.3%RO				0.2%RO						
Repeatability	0.3%RO				0.2%RO						
Temperature effect on zero					0.02%RO/°C						
Temperature effect on span					0.02%/°C						
Compensated temperature range					-10 ~ +60°C						
Allowable temperature range					-20 ~ +70°C						
Over load					150%						
Ultimate overload rating					300%						
Input/Output resistance					350Ω±1%						
Recommended exciting voltage	3V or less				6V or less						
Allowable exciting voltage	10V				15V						
Mounting thread					G3/8 (PF3/8)						
Materials of pressure media					SUS630						
Weight	530g				400g				200g		

Supplied cable : CT9-4N2/WP-STB (φ9mm 0.5mm² 4-core shielded chloroprene cable 2m) For measurement of negative pressure, please consult us.

PWH-PA High capacity Pressure Transducer 70~200MPa



The PWH-PA high-capacity pressure transducer has a sealed structure made with high-strength stainless steel. Using this highly sensitive transducer, stable high-accuracy measurement can be made over a long period of time. It is used to control plant or production lines, to measure jack pressure, and for various other applications.

Protection ratings: IP65 equivalent

■ SPECIFICATIONS

TYPE	PWH-70MPa	PWH-100MPa	PWH-150MPa	PWH-200MPa
Capacity	70MPa	100MPa	150MPa	200MPa
Rated Output	1mV/V(2000×10 ⁻⁶ strain)±1%			
Non-linearity	0.2%RO			
Hysteresis	0.2%RO			
Repeatability	0.3%RO			
Temperature effect on zero	0.02%RO/°C			
Temperature effect on span	0.02%/°C			
Compensated temperature range	-10 ~ +60°C			
Allowable temperature range	-20 ~ +70°C			
Over load	150%			
Ultimate overload rating	300%			
Input/Output resistance	350Ω±1%			
Recommended exciting voltage	6V or less			
Allowable exciting voltage	15V			
Mounting thread	G1/2 (PF1/2)			
Materials of pressure media	SUS630			
Weight	400g		410g	

High capacity
Available for many fields of industrial application such as plant, production line, jack pressure, etc.

Supplied cable : CT9-4N2/WP-STB (φ9mm 0.5mm² 4-core shielded chloroprene cable 2m)