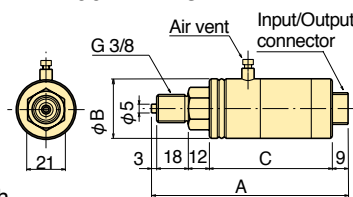


PRESSURE TRANSDUCERS

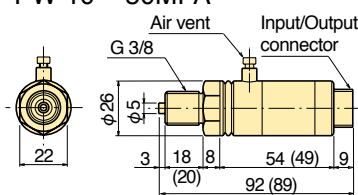
PW-PA Pressure Transducer 100kPa~50MPa



PW-100KPA ~ 5MPa



PW-10 ~ 50MPa



Figures in parentheses are of PW-50MPa.

■ Dimensions

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

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

■ SPECIFICATIONS

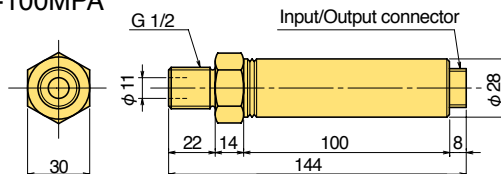
TYPE	PW-100KPA	PW-200KPA	PW-500KPA	PW-1MPa	PW-2MPa	PW-5MPa	PW-10MPa	PW-20MPa	PW-30MPa	PW-50MPa
Capacity	100kPa	200kPa	500kPa	1MPa	2MPa	5MPa	10MPa	20MPa	30MPa	50MPa
Rated Output	1mV/V(2000×10 ⁻⁶ strain) ±1%	1.5mV/V(3000×10 ⁻⁶ strain) ±1%			2mV/V(4000×10 ⁻⁶ strain) ±1%					
Non-linearity	0.3%RO		0.2%RO							
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%					
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.

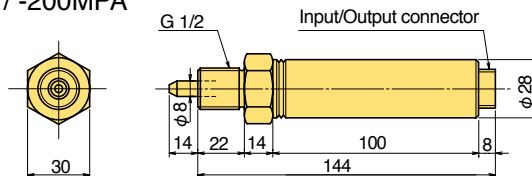
PWH-PA High capacity Pressure Transducer 70~200MPa



PWH-70/-100MPa



PWH-150 / -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%			
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	

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

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