

for
Versatile Applications.

High stability type.
Pressure conduit type.
Airtight structure.
All stainless steel made.

Plug & Play
with built-in TEDS

With the TD series indicators, equivalent
input calibration, likely to forget in manual
setting, can be performed automatically
and help prevention.



Specifications

Type	Pressure Transducer								
Model	TP-AR(T) TEDS RoHS (10 substances)								
Rated Capacity (R.C.)	500kPa	1MPa	2MPa	5MPa	10MPa	20MPa	30MPa	50MPa	100MPa
Rated Output (R.O.)	0.75mV/V	1.5mV/V	1.5mV/V	1.5mV/V	1.5mV/V	1.5mV/V	1.5mV/V	1.5mV/V	1.5mV/V
Natural Frequency	17kHz	17kHz	19kHz	34kHz	39kHz	68kHz	70kHz	104kHz	100kHz
Weight (Approx.)	220g	220g	220g	220g	220g	300g	300g	300g	400g
Safe overload rating	150% R.C.								
Linearity	0.2% R.O.								
Hysteresis	0.2% R.O.								
Repeatability	0.3% R.O.								
Safe Excitation Voltage	10V								
Input Terminal Resistance	400Ω ±60Ω								
Output Terminal Resistance	350Ω ±3.5Ω								
Insulation Resistance	1000MΩ or more (DC50V)								
Compensated Temperature Range	−10°C to 60°C								
Permissible Temperature Range	−20 to 80°C								
Temperature Effect on Zero Balance	0.2% R.O. / 10°C								
Temperature Effect on Output	0.2% R.C. / 10°C								
Connector	Receptacle (NDIS)								
Cable	Sold separately								
Mounting screw	G3/8 (PF 3/8)								G1/2 (PF1/2)
Body Material	Stainless Steel								
Dimensional drawings (Units: mm)									
500k to 10MPa 20M to 50MPa 100MPa									

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