

Figure 1: Dimensions of the pressure gauge.

- Output Load:** ≤500Ω (current), ≥2KΩ (voltage)
Digital output: RS485-Modbus RTU (9600-n-8-1)
Relay output: 2xSPST, 3A×30VDC/250VAC or 1xBuzzer
Electrical wiring: cable or screw terminals
Accuracy: ±1.0%FS(±2.0%FS@25Pa range)
Long term stability: ±0.5%FS /Year
Thermal effect: <0.05%FS/°C(Zero), <0.08%FS/°C(FS)
Response time: 0.5-30s
Power: 16-28V AC or 16-35V DC
Key: 3 touch buttons
Protection: IP65
Weight: 340g
Approval: CE
Accessory: A-S0 is standard including 2m/5mm ID tube, 3 pairs of screws and brackets. Options are A-S1, A-S2 and A-S7-X. They can be used for surface, panel or flush mount and should be ordered separately. See details in Accessories.

Medium: non-combustible, non-corrosive air, not sensitive to moisture, dust, condensation and oil

Medium Temp.: 0-60°C

Materials: cast aluminum housing and PC plate

Work Environment: -20~70°C

Compensated Temp.: 0-50°C

Work pressure: 1, 2, 5 or 10Kpa for different ranges
overload 5xFS, burst 10xFS

Dimension: see diagram

Connection: 1/8" ID tubing, two pairs (on left side and back)

Display: 4 bits 0.8" red LED

Output: 0-10V & 4-20mA (3 wires), RS485/Modbus

Model	RSA-TPDG				DPGT transmitter
Range		X			Range selection
Arch LED			0 1		N/A Arch LED
Relay			0 1 2		N/A 2×SPST 1×Buzzer
Output				0 1	0-10V&4-20mA RS485/Modbus

The standard electrical connection is cable from the back of the enclosure. If select screw terminals instead, add suffix T after the model number.

Code	UNIT & Range & Display Resolution					
	Pa	Pa	kPa	in w.c.	mm w.c.	mbar
0	0-25	25.00	0.025	0.100	2.500	0.250
1	0-60	60.00	0.060	0.250	6.000	0.600
2	0-125	125.0	0.125	0.500	12.00	1.250
3	0-250	250.0	0.250	1.000	25.00	2.500
4	0-500	500.0	0.500	2.000	50.00	5.000
5	0-1000	1000	1.000	4.000	100.0	10.00
6	0-2500	2500	2.500	10.00	250.0	25.00
7	0-5000	5000	5.000	20.00	500.0	50.00
8	0-10000	10000	10.000	40.00	1000.0	100.00

1. 5 engineering units can be set by the key and then the related LED will be on.
2. For zero center models, add "Z" at the end of the model. For example, RSA-TPDG1***Z, means -30-0-30pa. Only ranges 1~6 have this selection.