

GPE500 SERIES

PRESSURE TRANSMITTER

FEATURES

- ⦿ Ceramic sensing element,
- ⦿ Power supply: 5VDC or 24VDC optional
- ⦿ Compact design, ideal for space-limited installations
- ⦿ Easy installation with standard pressure connections
- ⦿ Designed for air compressors, pumps, air-conditioning & refrigeration etc



INTRODUCTION

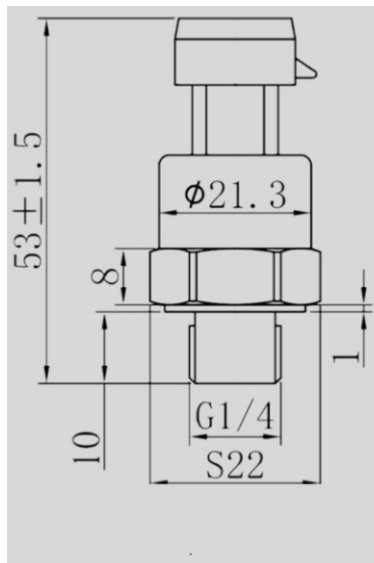
The DWEL GPE500 series is a compact pressure transmitter designed for OEM applications such as air compressors, HVAC systems, and hydraulic or pneumatic equipment. It adopts a high-quality ceramic sensing element, offering excellent resistance to corrosion, overpressure, and harsh working conditions.

With a robust stainless steel construction, the GPE500 ensures stable and accurate pressure measurement. It supports both 5VDC and 24VDC power supply, and provides commonly used outputs such as 0.5-4.5V and 4-20mA, making it highly adaptable for various control systems and equipment integration.

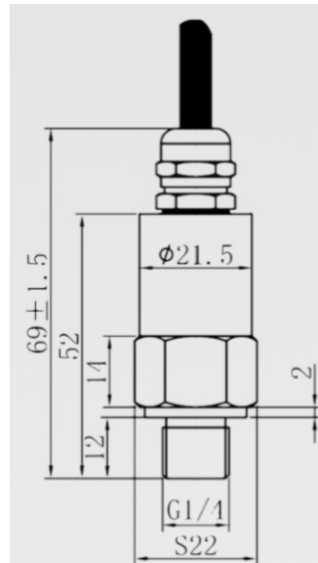
SPECIFICATIONS

Pressure range	0-30MPa
Power supply	5VDC, 24VDC
Accuracy	1%FS, 2%FS
Output signal	0.5-4.5V, 4-20MA, others on request
Overload pressure	<150%
Installation	G1/2, G1/4, G3/4, 1/8NPT others on request
Electrical connection	Packard, DIN43650, M12 connector, Cable leads
Material	Stainless steel
Working temp.	-20~85°C
Response time	≤2ms
Protection	IP65, IP67

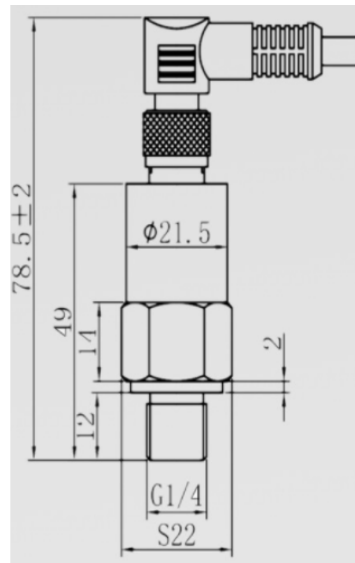
DRAWING



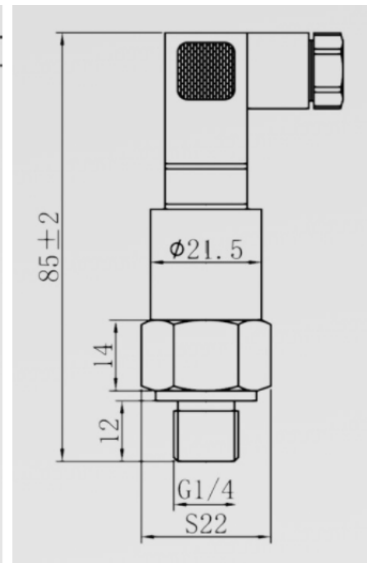
**Packard type
GPE500**



**Cable lead
GPE501**



**M12x1-4pin
GPE502**



**DIN43650-Small
GPE503**

ORDER FORMAT

GPE500 - 12B2V51W

Structure	Model
Packard type	GPE500
Cable leads	GPE501
M12x1	GPE502
Small DIN43650	GPE503

Pressure range	Code
1bar...300bar	1B...300B
15psi...4500psi	15P...4.5M

Thread size	Code
G1/4	2
G1/2	4
G3/4	6
1/8NPT	N1
1/4NPT	N2

Cable length	Code
20cm(Default)	Null
1m	W1
...	...

Power supply	Code
5VDC	5
24VDC	Null

Output signal	Code
0.5-4.5V	V
4-20mA	A