

PRESSURE MEASUREMENT YL805



FEATURES

- Multiple Process Connection Options – Ease of installation.
- 0.5% Typical Accuracy – Offers superior accuracy which can work well for critical applications.
- Factory Calibrated – No need for field calibration. Plug and play reliability.
- Rugged, Compact Design – Easy to package or install.
- OEM/ODM Available – Adaptable to special needs.

Specifications

Model	YL805
Type	Gauge pressure, Absolute pressure, Seal pressure
Range	-100kPa~70MPa
Zero drift	50% of full range span
Max overload	200% of sensor range
Output	0-5V, 0-10V, 4-20mA, 0.5-4.5V, RS485, Others
Power supply	12-30V DC, 5V DC, 8-30V DC
Housing material	304 stainless steel (Optional 316 stainless steel)
Accuracy	± 0.5%
Stability	± 0.25% FS/year
Display	LED (Optional)
Ambient temperature	-40~85℃
Process temperature	-40~85℃ (-40~150℃ diaphragm type, clamp type)
Protection level	IP65
Electrical connection	DIN43650, M12 4Pin, Others
Process connection	G1/2, 1/2NPT, M20x1.5, 1/4NPT, G1/4, Flush Diaphragm type (standard: G1/2 diaphragm), Clamp, Others

Model Code Selection Table

Part	Number
Selection Type	YL805
Signal Output	S1: 4-20mA S2: 0-10V S3: 0-5V S4: 0.5-4.5V S5: RS485 X: By customized
Pressure Range	0: -100~0 1: 0~10 2: 0~20 3: 0~30 4: 0~40 5: 0~50 6: 0~60 X: By Customized
Pressure Units	B: bar P: Psi K: kPa M: MPa
Electrical Connection	E1: DIN43650 E2: M12 4pin X: By Customized
Pressure connection	1: G1/2 male 2: G1/4 male 3: 1/2 NPT male 4: 1/2 NPT Female 5: G1/2 Flush Diaphragm 6: Clamp X: By Customized
Cable length	00: Non-Cable 01: Cable 1m 02: Cable 2m X: By customized
Display	Y: yes N: no