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.

APPLICATION

- Water pressure，Air pressure，Oil pressure
- Agricultural irrigation
- Food industry，Medicine Hvac，Refrigerant

Specifications

Type	YL805
Pressure 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，M20×1.5，1/4NPT，G1/4, Flush Diaphragm type (standard: G1/2 diaphragm)，Clamp，Others

Model Code Selection Table

Part	Number
Selection Type	YL805
Pressure type	G：Gauge pressure A：Absolute pressure S：Sealing pressure
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

PRODUCT SIZE

Unit：mm



