

PRESSURE MEASUREMENT YL81MA



FEATURES

- Compact size, easy to install
- Imported Chip, temperature compensation, high accuracy
- Strong overload
- Longtime stable
- Wide range of application

Specifications

Model	YL81MA
Type	Gauge pressure, Seal pressure, Absolute pressure
Range	-100kPa~ kPa 600Bar
Overload pressure	150%
Failure pressure	200%
Signal output	0.5-4.5V, I2C, 4-20mA, 0-5V, 0-10V, 0-100mV, Others
Scope of power supply	5V, 3.3-5V, 12-30V, 9-30V, 10V, 12-30V
Zero temperature drift	± 2%
Accuracy	± 0.5% FS
Acquisition frequency	2.4kHz
Rated insulation voltage	1000V
Start time	150ms
Working temperature	-20~85℃
Storage temperature	-20~85℃
Housing	304 stainless steel (optional 316L stainless steel)
Protection level	IP65
Electrical connection	Cable outlet, Mini DIN43650, GX12-3, Packard, DIN43650, M12 4Pin
Process connection	G1/4, 1/4NPT, M20x1.5, M10x1, G1/8 1/8NPT, 7/16-20UNF Female, Other

Model Code Selection Table

Part	Number
Selection Type	YL81MA
Signal Output	S1: 0.5-4.5V S2: 4-20mA S3: I2C S4: 0-10V S5: 0-5V S6: 0-100mV X: By customized
Pressure Range	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: Packard E2: M12 4pin E3: Cable outlet E4: Mini DIN43650 E5: GX12-3 E6: DIN43650 X: By Customized
Pressure connection	1: G1/4 male 2: 1/4 NPT male 3: G1/8 male 4: 1/8 NPT male 5: M20x1.5 male 6: M10x1 male 7: 7/16-20UNF Female X: By Customized
Cable length	00: Non-Cable 01: Cable 1m 02: Cable 2m X: By customized