

LEEG 单晶硅压力变送器
LEEG Monosilicon pressure transmitter



流程工业/环保工程
Process Industry/Environmental engineering

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www.leeg.cn

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LEEG单晶硅压力变送器 LEEG Monosilicon pressure transmitter

LEEG单晶硅压力变送器是立格仪表采用世界上先进的单晶硅传感器技术与专利封装工艺，精心研制出的一款国际领先技术的高性能压力变送器。单晶硅传感器位于金属本体顶部，远离介质接触面，实现机械隔离和热隔离；玻璃烧结一体的传感器引线实现了与金属基体的高强度电气绝缘，提高了电子线路的灵活性能与耐瞬变电压保护的能力。这些单晶硅传感器封装技术确保了LEEG单晶硅压力变送器可从容应对复杂的化学场合和机械负荷，同时具备强大的抗电磁干扰能力，足以应对苛刻的工业环境应用，是名副其实的隐形仪表。

LEEG monosilicon pressure transmitter is a high performance pressure transmitter with international leading technology meticulously designed by LEEG instrument, using the world's most advanced monosilicon pressure sensor technology and patent encapsulation technology.

Monosilicon pressure sensor locates on the top of the metal body and stay away from the medium interface to realizes mechanical isolation and thermal isolation. Glass sintering sensor wire realizes high strength electrical insulation of metal base and improves the capability of flexibility of electronic circuit and transient voltage resistance protection.

All these original encapsulation technologies enable LEEG to easily cope with extreme chemical occasion and mechanical load, and own strong resistance to EMI, sufficient to respond to the most rigorous industrial environment applications, which are the genuine invisible instruments.

高性能LEEG单晶硅压力变送器

国际领先技术与中国智造的完美结合，开启高质量压力测量技术方案的新标准。



High-performance LEEG monosilicon pressure transmitter

Perfect match between internationally leading technology and Chinese smart manufacturing.
Establish new criteria for the optimum pressure measuring solutions.

独创专利的全密封、全隔离单晶硅压力传感器

精准充液量技术，消除温度、静压的影响，双膜片过载结构，从容应对高过载考验。



Originally patented fully-sealed, fully-isolated monosilicon pressure sensor

Accurate filling fluid technology, eliminates effects of temperature and static pressure.
Dual diaphragm overload structure, can easily cope with high overload tests.

专用集成电路与表面封装技术的信号变送模块

性能强大的24位ADC实现高精度与快速应答，显示模块可350° 旋转，按键参数操作功能友好。



ASIC and SMT signal transmitting module

Powerful 24 ADC achieves high precision and quick response.
350° rotation display module, friendly button parameters operation function.

强大耐瞬变电压保护端子模块

强有力的贴身保护，变送器的安全卫士，
纵然历经电闪雷鸣，依然保持稳定工作。



Strong transient voltage resistance to protect terminal module

Vigorous close protection, security guard for transmitters.
Though experiencing fulminating, it still keeps stable operation.

外部三按键菜单功能实现现场操作

全隔离磁感应结构，满足隔爆要求现场的安全操作规范，按键参数设置不影响电气防护等级，更安全、更快捷。



External three buttons menu function enables site operation

Fully-isolated magnetic induction structure satisfies the safety operation conditions for site with flameproof requirements.
Button-parameter setting does not affect the degree of electrical protection, in a safer and more convenient manner.

高强度的金属电气保护壳体

外形优美靓丽，尽显时尚科技美感，内在厚实坚固，满足苛刻的环境运用。



High strength metal electrical protection housing

Beautiful appearance, fully show the fashion sense of science and technology.
Thick and firm inside to meet the most rigorous environmental application.

坚固优质的不锈钢过程法兰

臻厚的加强结构，坚不可摧，高静压、高过载的强大保障。



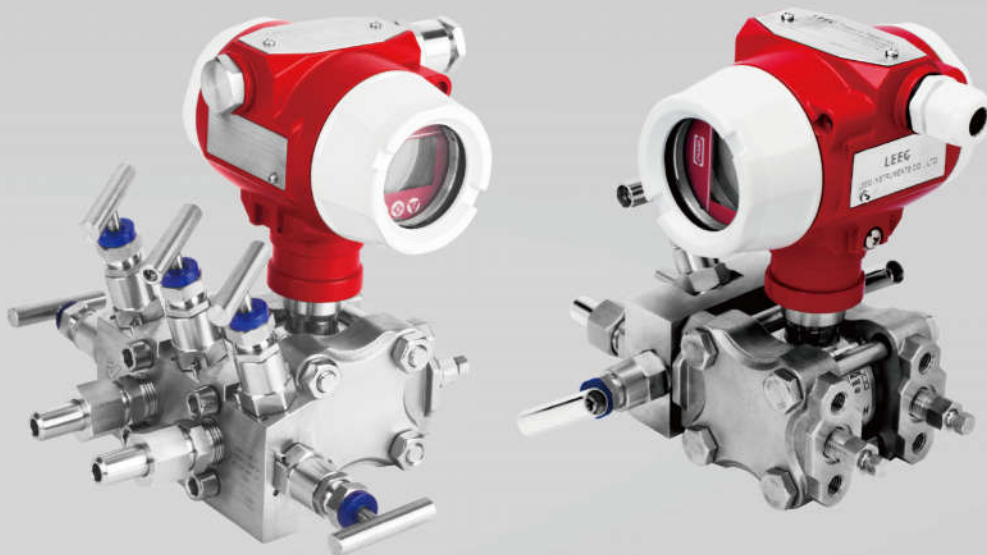
Solid and superior stainless steel process flange

Extra-thick strengthening structure is formidable.
Strong safeguard with high static pressure and high overload.

DMP305X单晶硅压力变送器
DMP305X monosilicon pressure transmitter

Measuring range: Differential pressure, 200Pa~10MPa
Gauge pressure, 200Pa~40MPa
Absolute pressure, 2kPa~10MPa

量程范围: 差压, 200Pa~10MPa
表压, 200Pa~40MPa
绝压, 2kPa~10MPa



DMP305X单晶硅压力变送器
DMP305X monosilicon pressure transmitter

Measuring range: Gauge pressure, 1kPa~40MPa
Absolute pressure, 10kPa~10MPa

量程范围: 表压, 1kPa~40MPa
绝压, 10kPa~10MPa



SMP858单晶硅压力变送器
SMP858 monosilicon pressure transmitter

Measuring range: Gauge pressure, 4kPa~10MPa
Absolute pressure, 10kPa~10MPa

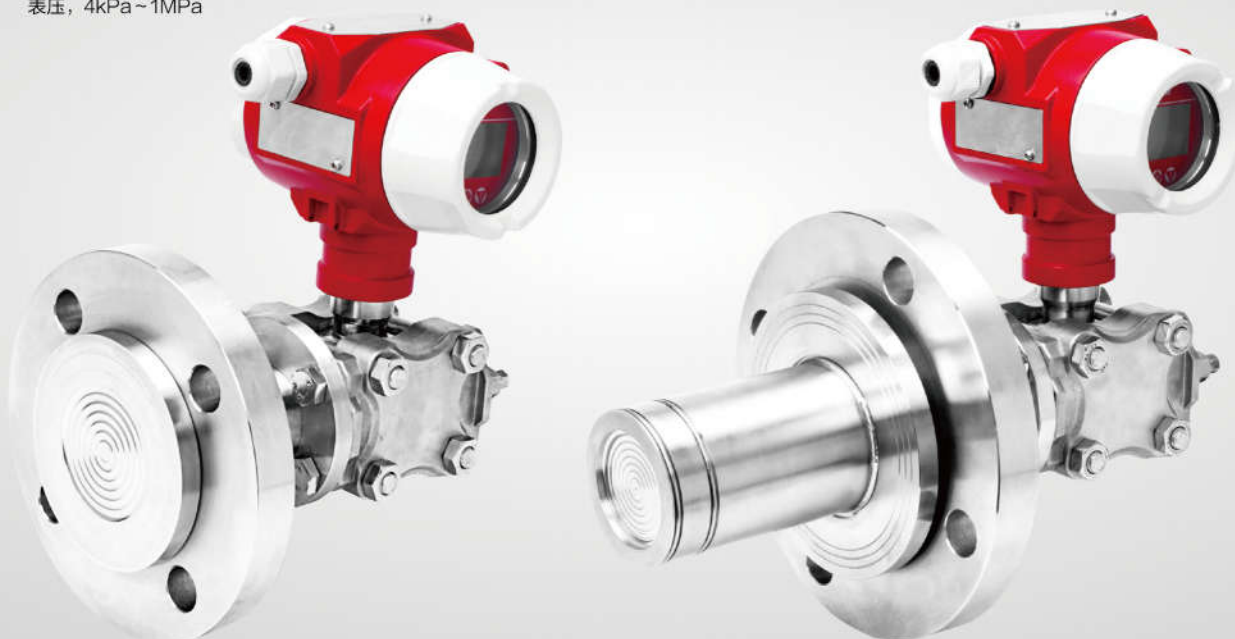
量程范围: 表压, 4kPa~10MPa
绝压, 10kPa~10MPa



SMP858单晶硅压力变送器
SMP858 monosilicon pressure transmitter

Measuring range: Differential pressure, 10kPa~1MPa
Gauge pressure, 4kPa~1MPa

量程范围: 差压, 10kPa~1MPa
表压, 4kPa~1MPa





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