

LAU 333

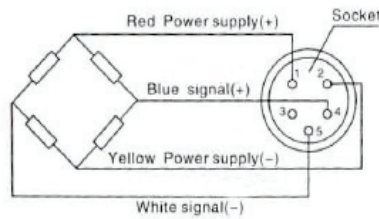
Pressure Transducers

- High accuracy and high reliability
- Airproofed structure and high stability
- Small volume, light weight and very convenient to use
- Its suitable for precision measuring all kinds of static states or the no-crystal liquid, gas and the high capacity pressure measurement that changes very slowly. It also can be used to match numeral pressure indicators or record instruments.

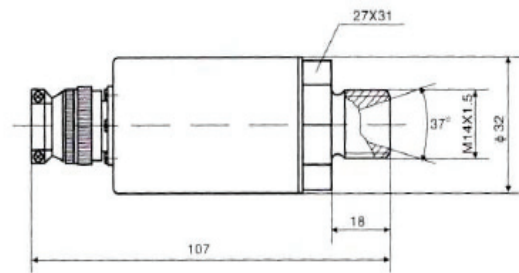


specification

Capacity	Mpa	20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 100
Rate Output	mV/V	1.5 ± 0.2
Non-linearity	%FS	0.1
Hysteresis	%FS	0.1
Repeatability	%FS	0.1
Temperature Effect on Zero	%FS/10°C	0.1
Temperature Effect on Span	%FS/10°C	0.1
Zero Balance	mV	≤ ± 1
Output Resistance	Ω (ohms)	700 ± 7
Insulation Resistance	M Ω	1000 (100VDC)
Excitation, Recommended	V	9 ~12 (DC/AC)
Excitation Permitted	V	6 ~18 (DC/AC)
Temperature Compensated	°C	-10~+50
Temperature Operating	°C	-20~+65
Safe Overload	%FS	120
Ultimate Overload	%FS	150



electrical connection



outline dimensions (mm)

- note**
- When installing please use the flat end airproofed connector with the screw thread of M14*1.5, inside wimble is 37° (If the customers need the connector with other screw thread, please give the special order of the company)
 - The meduim material that meets: Titanium - alloy
 - The pressure transducers are connected with indicator through sockets

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