

Model 702 Pressure Sensor

FEATURES

- Any Range Between 0 to 1,2,3...600 Bar
- Three Accuracies Available
- MEMS technology
- Programmable ASIC to meet customer specifications
- Ceramic pressure sensor
- Amplified and temperature compensated



DESCRIPTIONS

Model702 incorporates MEMS technology and custom Application Specific Integrated Circuit (ASIC) technology in the design. It is specifically designed for tough automotive application.

Model 702 is designed to perform in the underhood harsh environment such as temperature extremes, vibration, thermal and mechanical shock, and corrosive chemical.

SPECIFICATIONS

Electrical:

Supply Voltage	5V & 8 to 35V
Out put	0.5 to 4.5V/0 to 5V/1 to 5V
Operating Current	6 mA
Electric Connector	Hirschmann

Operating Characteristics:

Range	0 to 1,2,3...600bar
Pressure Type	A, G
Proof Pressure	200%FS
Total Accuracy (%FS) ¹	1.0%FS & 0.5%FS& 0.25%FS
Long Term Stability	0.3%FS/year (max.)
Response Time	1ms (typ.)

Environmental Effects

Operating Temperature Range	-40°C to +125°C
Storage Temperature Range	-40°C to +150°C

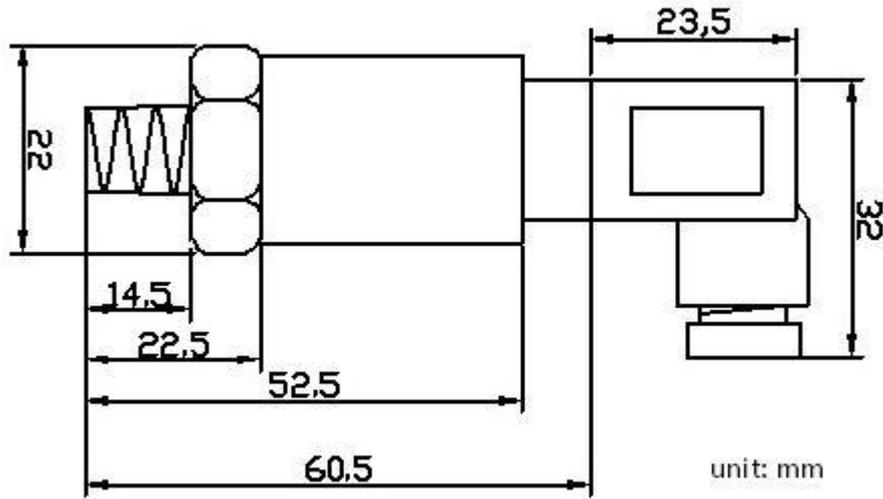
Mechanical

Protection Class	IP 65/IP67
Material	304L Stainless Steel
Pressure Port	NPT 1/8 &NPT 1/4 & Customized

Notes:

1. Total accuracy is the RSS of non-linearity, hysteresis, non-repeatability and thermal errors.
2. Please contact us for special design to meet your requirements.

Outline



- Electric Connection: 1, Red wire: Power Supply
 2, Green wire: Output
 3, Black wire: GND

Order Information

