

ASPT-11v

COMMON RAIL PRESSRE SENSOR



OVERVIEW

ASPT-11v series pressure transmitters are applicable to automotive customers. The series uses mature design and technology of mass production and a variety of mechanical connections. It is a cost-effective pressure transmitter to meet different customer needs. ASPT-11v is designed with compact structure which especially applies to the installation in small space



FEATURES

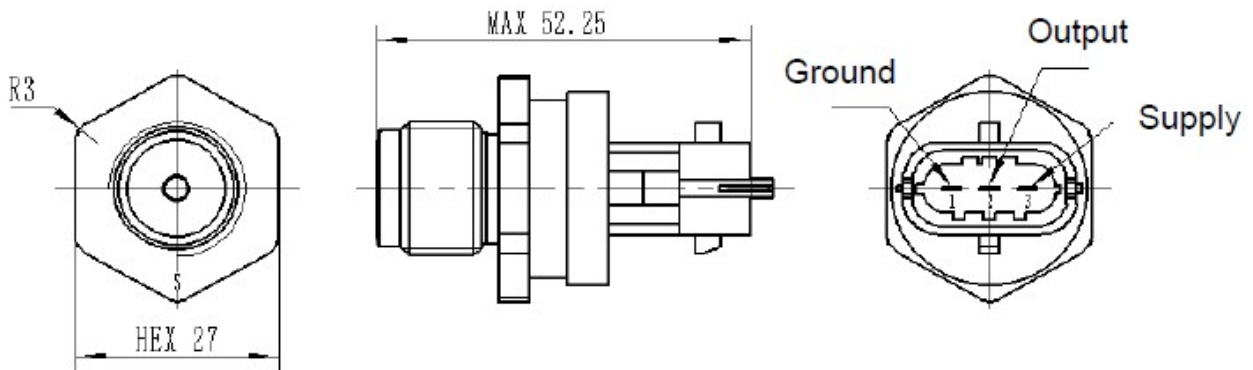
- Integrated structural design, no leakage risk, digital circuit processing
- Excellent shock resistance, anti-overpressure and anti-vibration
- Strong anti-interference, good long-term stability
- Small size, light weight, easy to install and use
- Various process and electrical connection options
- Suitable for batch production, economic and reliable

APPLICATIONS

- Diesel ECU control system

Pressure range	
Pressure range	0~150 MPa, 180 MPa, 200 MPa
Pressure reference	Gauge pressure
Overpressure	200%F.S.
Burst Pressure	400%F.S.
Output signal	
Output	0.5~4.5VDC R/M (Supply: 5 VDC \pm 0.25VDC)
Response time	\leq 10ms
Reverse Voltage	-14VDC
Specification	
Accuracy	\pm 1%F.S. (linearity, hysteresis, repeatability, calibration) @ 25 °C
Full Scale Error	\pm 2% FS(-40 to 140 °C)
Operating temp.	-40°C - 145°C
Storage temp.	-40°C - 140°C
Vibration	10g (50-2000Hz)
Service Life	\geq 5000000 full scale pressure cycles
EMC(512MHz-1GHz)	100V/m
EMC(1MHz-512MHz)	50V/m
Sensing Element MOC	17-4PH
Protection	IP65
Housing material	Housing: ASTM S30400 (AISI304)
Certificate	RoHS, REACH

ELECTRICAL CONNECTION OPTION



ORDERING CODE:
CONTACT FACTORY

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