



Analog - Digital
Micromechanic
Sensorsystems

AMSYS GmbH & Co. KG
An der Fahrt 13 55124 Mainz
Phone: +49 (0)6131-469875-0
Fax: +49 (0)6131-469875-66
www.amsys.de
info@amsys.de

AMS 5611/5612 AMS 5651/5652 AMS 5812/5852

New pressure port configuration for **SM 56X1/56X2** and **SM 58X2** series

AMS 5611/5612 and AMS 5651/5652

Piezoresistive OEM pressure transducer, temp. compensated and calibrated. For constant voltage and constant current excitation. Same performance characteristics as the SM 5611/5612 and SM 5651/5652.

AMS 5812 and AMS 5852

Amplified analog pressure sensors, temperature compensated and calibrated. Ratio-metric, Dual-In-Line pressure sensors. Same performance characteristics as the SM 5812 and SM 5852



Features

- Wide pressure range from 0,15 to 100 PSI (10mbar bis 6,8 bar)
- For constant voltage and constant current excitation
- Easy to use package (for PCB and SMD)
- For absolute, gage and differential pressure measurement

ORDER INFORMATION

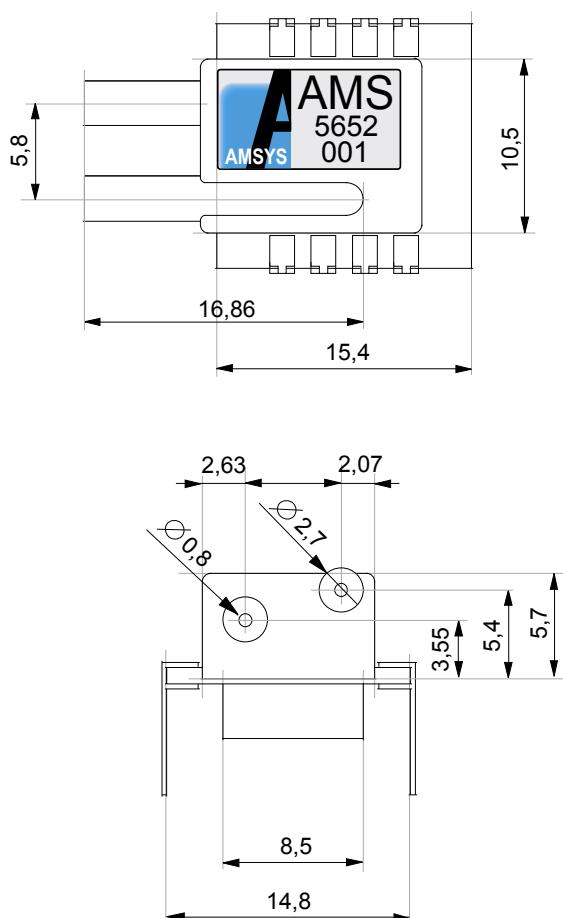
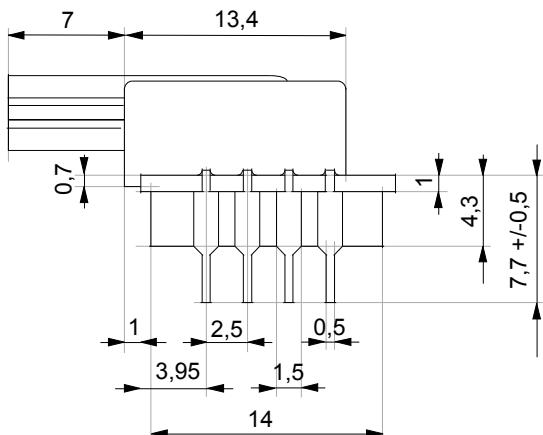
AMS 5611/5612, AMS 5651/5652 und AMS 5812/5852

EXAMPLE:

Model No. Pressure Range Pin configuration

AMS 5652 - 003 - D - 3 - F

Excitation Type Tube version



Excitation

- 1: Constant current
- 2: Constant voltage

Pressure type

- A : Absolut
D: Differential
G: Gage

Pin configuration

- 3: Pins opposite pressure port configuration
- 5: SMD - Pins opposite pressure port configuration

Pressure port configuration

- F: Lateral to the ceramic substrate

PSI	5611/5612	5812
5	005	005
15	015	015
30	030	030
60	060	060
100	100	100

PSI	5651/5652	5852
0,15	001	001
0,30	003	003
0,80	008	008
1,5	015	015
3,0	030	030