

Accelerometer AM 600

These accelerometers are available to measure up to three axes in a single, robust package. With reference to its fitting position, longitudinal, transversal and horizontal acceleration up to 4,5 g can be measured.

Manufactured in DR-25 sleeve; various connector options available.



Mechanical data	
Weight 2 axes	30 g
3 axes	50 g
Length	150 ... 1000 mm
Measuring range	± 4,5 g
Overload	± 600 g
Dimensions	
2 axes	24 x 27 x 13,5 mm
3 axes	24 x 27 x 29,8 mm
Fixing	2 x M3
Tightening torque	2 Nm

Conditions for use	
Temperature range	-40 ... 85 °C

Characteristic	
Offset x, y, z	2,5 V at 0 g
Sensitivity x, y, z	440 mV/g

Electrical data	
Supply voltage	5 V DC
Max. supply voltage	6 V DC
Signal output	2,5 V = 0 g; 440 mV/g
Supply current	7 mA
Max. current	12 mA
Tolerance of sensitivity	± 3 %
Non-linearity of sensitivity	± 2 %

Connector	
Cable harness connector	ASL 6-06-05PA-HE

Part numbers	
2 axes	B 261 209 311 02
3 axes	B 261 209 313

