



Red Bull Stratos/Red Bull Content Pool

Felix Baumgartners stratosphere jump with pressure sensor modules of AMSYS

During Felix Baumgartners sensational parachute jump from space the Red Bull Stratos team relied for its security system on the pressure sensor modules MS5534* (MEAS Switzerland), which were delivered by AMSYS GmbH, Mainz. Those modules are applied successfully because of their reliability in the approved electronic parachute activation device (AAD) Cypres2 of the company Airtec GmbH (www.cypres.cc).

The parachute activation device of Felix Baumgartner has to release the stabilizing chute before opening the reserve chute. The sensor modules have to work reliable despite the conditions at the border to space (zero air pressure, altitude: 30km, temperature: - 57 ° C). The reached opening precision was 80cm in real time and shows the capability of the used sensors.

*In the meantime the follow-up model of the approved [MS5534](#) was introduced: the [MS5803-01BA](#). This sensor could be improved in some important values (such as resolution). The new sensors are available at AMSYS, Mainz. For more information concerning the barometric sensors of MEAS Switzerland for altitude measurement you may follow thus link:

<http://www.meas-spec.com/signals-eNewsletter-2013-january.aspx>