

EXOLAUNCH

Quadro



Four-point microsatellite
separation system

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Quadro expands the capabilities of Exolaunch's microsatellite separation systems with a four-point offering tailored to satellites weighing **up to 300 kg** and flying on SpaceX Rideshare plates.

Quadro was crowned the most innovative space product in Europe by winning **the Innovation in Space Award 2023**, celebrating its unique blend of flight-proven technology and cutting edge four-point design securing access to orbit for the next generation of microsatellite buses.

Quadro Fact Sheet

MECHANICALLY SYNCHRONIZED

Only one signal is needed to precisely release all four points, preventing the need for costly and complex multiplexers.

LOW MASS

Optimized for mass, Quadro offers the lightest flyaway mass of any four-point system.

SHOCK-FREE DEPLOYMENT

No pyrotechnics ensures your payload remains intact after deployment.

LOW TUMBLING

The patented CarboNIX pusher arm system has an average tip-off rate of 0.6°/s in all three axes.

FAST RESET TIME

Flight-proven, simple and robust magnetic locks are quick to reset.

FLIGHT HERITAGE

Critical subsystems like lock mechanism and pusher arms have flight heritage across dozens of missions.

ITAR-FREE

Quadro is not subject to export restrictions of any kind.

MADE IN GERMANY

EXOLAUNCH



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