

Force touch technology: ideal for touch interaction in the third dimension

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DATA MODUL relies on force touch technology as the ultimate operating method for special application areas. This technology goes beyond the conventional touch of the screen and also detects the strength of the pressure, which enables new interactions and promotes the creation of intuitive user interfaces.

While force touch is already established in many consumer products such as smartphones, tablets and wearables, DATA MODUL sees great potential for numerous industrial applications. Especially in safety-relevant areas such as train and machine control systems as well as in the food, automotive and medical sectors, force touch offers a promising alternative to mechanical buttons. The additional haptic interaction increases safety enormously. DATA MODUL is seeing increased interest in the technology in the food, healthcare and automotive sectors.

Force touch is based on projected capacitive (PCAP) technology and extends this to include the detection of pressure force in the Z-axis. This enables a three-dimensional evaluation that virtually eliminates unintentional inputs. The detection of the pressure force ensures more differentiated operation and greater functional reliability.

For more information visit data-modul.com

About DATA MODUL

As a passionate enabler, DATA MODUL AG does everything in its power to turn customers' visions into reality. With a comprehensive understanding of hardware, software and services as a harmonious unit, the focus is on developing customised display solutions that precisely meet the specific needs and objectives of the customer. The outstanding core competence of DATA MODUL AG lies in customising, whereby the company not only provides products, but rather tailor-made solutions with a clear market focus. With over 50 years of experience, DATA MODUL AG represents financial stability, innovative strength and international growth. Its presence at more than 20 locations worldwide and a total area of around 40,000 square metres for production, logistics and administration enables the company to respond flexibly to global challenges.

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