

**DATA MODUL**

# **Fitness & Rehabilitation**

Smart applications for an excellent training experience



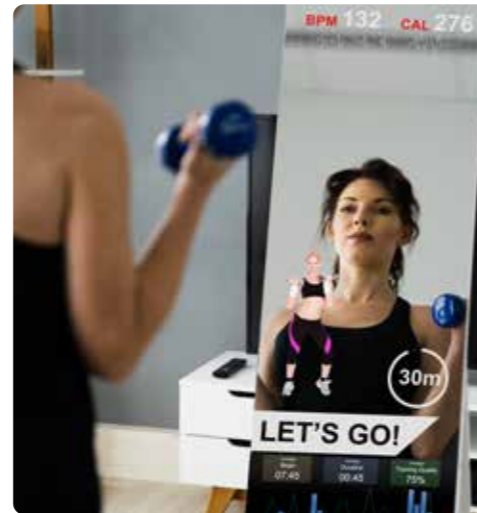
**Passion Displayed**



## Take your training equipment to the next level

Explore our solutions for fitness & rehabilitation

From fitness equipment and mirrors to specialized rehabilitation systems, our display solutions integrate seamlessly into your applications. With outstanding functionality, intuitive operation and innovative features, they maximize the performance of your equipment and effectively support your customers in achieving their health goals.



## We understand your requirements

Addressing the key challenges

Fitness and rehabilitation applications must meet the high demands of fitness training and therapeutic rehabilitation. This includes the robustness and impact resistance of the components to withstand the stresses and strains of sporting activities and rehabilitation exercises. Operation of the displays should be simple and intuitive, and unintentional inputs caused by sweat or wet hands must be reliably detected and avoided. A clear and concise display of training and rehabilitation data and seamless integration with other sensors such as heart rate monitors, GPS trackers and physiotherapy tools are equally important.

## Fulfilling your needs is our top priority

Your advantages at a glance



### Excellent readability

- ▶ Perfect colour representation
- ▶ High contrasts, brightness & resolutions
- ▶ Wide viewing angles
- ▶ Anti-glare surface to reduce glare effects



### Reliable operation

- ▶ Precise inputs thanks to PCAP sensors & latest touch controller
- ▶ Optimal tuning of touch settings
- ▶ Avoidance of false triggering under liquids such as sweat or cleaning agents



### High-quality products & reliable service

- ▶ Robust components
- ▶ Gap-filling process to protect against dirt & moisture
- ▶ Protection class up to IP67 & IK-tested
- ▶ Long-term availability & obsolescence management



### Numerous additional features

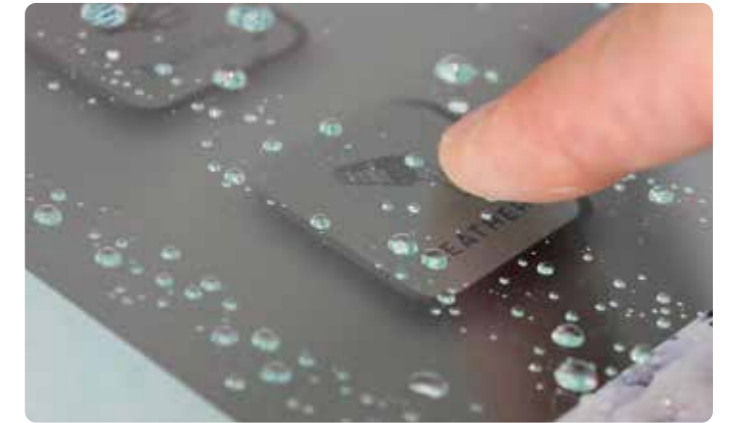
- ▶ Knob-on displays & optical encoders
- ▶ RFID, NFC, WLAN, Bluetooth
- ▶ Proximity sensors for detection of potential touches & subsequent activation of the HMI

## Exactly tailored to your needs

Customising options for your unique product

With our extensive customisation options, we support you in taking your application to a new level. As an experienced and competent partner, we support you from the initial idea to the complete realisation of your customised solution.

- ▶ Variety of display sizes & formats
- ▶ Expansion options such as camera, proximity sensors, RFID
- ▶ Integration of fitness sensors such as heart rate monitors
- ▶ Liquid hot melt bonding from frame to glass touch unit
- ▶ Subsequent gap-filling process to protect against moisture and dust ingress
- ▶ Various operating options such as (multi-)touch, haptic touch or gesture control
- ▶ Integration of charging areas for mobile devices, tablet, cell phone



Trouble-free operation possible even under the influence of liquids such as sweat

## Realise your project together with us

Possible applications for fitness & rehabilitation



- ▶ Fitness mirrors
- ▶ Treadmill
- ▶ Cross trainer
- ▶ Rowing machine
- ▶ Stairmaster
- ▶ Spinning bike
- ▶ etc.



For more information, contact your DATA MODUL sales partner or visit our website: [www.data-modul.com/en/markets](http://www.data-modul.com/en/markets)



# DATA MODUL

Passion Displayed



## All good things come in threes:

With **Hardware**, **Software** and **Services**, we realise unique display solutions that turn your ideas into reality.

[www.data-modul.com](http://www.data-modul.com)

