

## Robust joystick for tough operating conditions

26.01.2015

### TRY52 from MEGATRON

The heavy-duty joysticks from MEGATRON's TRY52 series are unshakeable: They are designed for extreme conditions and are unaffected by dirt and water. Operator comfort and precision are other key design features. The robust joysticks are equipped with innovative Hall effect sensors and enable versatile customer-specific adaptations.

The TRY52 multi-functional grip from the MEGATRON range ensures up to ten million movement cycles despite high loads. The compact hand joystick fulfils even the highest of requirements thanks to an ergonomic grip that facilitates fatigue-free working. Numerous options for function integration, such as switches, rockers, miniature joystick, triggers or deadman switches, make the TRY52 truly multifunctional. As such, the joystick is available with one or two axes and supports analogue interfaces as well as USB and CAN bus systems. In addition, a voltage regulator module can be integrated for supply voltages from 12 to 30 V.

Ergonomics, mechanics and technology guarantee extremely precise control. In the TRY52, electromagnetic Hall sensors are put to use that are almost wear free. Thanks to their functional principle, they are particularly robust and resistant to the effects of shock. And owing to the option of securely enclosing moulded electronics – a degree of protection up to IP68 is possible for the TRY52 – the hand joystick can even be used in humid environments and is also resistant to changes in temperature and dirt. The joystick can be made waterproof by placing seals above the panel.