

FINGER JOYSTICK

Suitable for mobile machinery

Megatron has introduced the TRY120 series of miniature joystick. The installation depth is 26 mm.



The TRY120 finger joystick is suitable for construction and agriculture machines as well as special-purpose vehicles and pleasure boats (Source: Megatron)

The German supplier has extended its joystick series by the finger joystick series TRY120. For the CAN interface, there is CANopen and J1939 support available. With the TRY120 series, the company expands the TRY100 finger joystick series with version for use in harsh environments. The two series use identical geometries, which enables a direct replacement.

The joystick robustness derives from the internal metal mechanism. The increased spring and reset forces and the IP67-rated sealing are features that are important for outdoor applications. The devices are designed for about five million movements, thus ensuring safe operation throughout the entire lifespan of machines.

The joysticks are equipped with up to three axes and two push buttons. The maximum permissible force on the mechanism is 350 N in X- and Y-direction. The Z-axis of the knob can be loaded with an up to 9-Nm torque. The sensor technology is based on the non-contact Hall effect.

The four available knob types are suitable for operation for two and three axes, whereby the 2-axis knob is not rotatable. The 3-axis version has an integrated sensor and a return spring. The Cobra knob has a particularly attractive design, which can be grasped with the whole hand.

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