

JXM-HMI

Display controller



1 CANopen port for seamless integration into the vehicle architecture

3 push encoders with bidirectional rotation motion and push button for precise dosing and control operations

- Dimmable LED backlight for optimal adjustment to different daylight and lighting conditions
- Superior application versatility thanks to the compact design: Can be installed individually or in combination with a JVM-104 or JVM-105 HMI

Description

The JXM-HMI is a versatile human-machine interface with three heavy-duty push encoders. It is therefore ideally suited for a wide range of dosing and control applications in mobile machines.

Thanks to its compact geometries, it can be flexibly mounted in the driver's cabin both individually or in combination with a displaying device such as JetView-Mobile 104. Compatibility with the overall vehicle architecture as well as connectivity with vehicle electronics is ensured via CANopen. The push encoders offer a wide range of features allowing for virtually any application

customization need to be met: For example, bidirectional rotation and a push button enable precise dosing of spread materials. Bespoke solutions include up to 16 backlit membrane pushbuttons instead of the push encoders.

The push encoders are distinguished by icons signaling their function, and have built-in LEDs to ensure the icons are clearly visible at all times. To maximize user comfort, the LEDs can also be dimmed to adjust to the peripheral equipment and changing lighting conditions during the day and at night.

Technical specifications

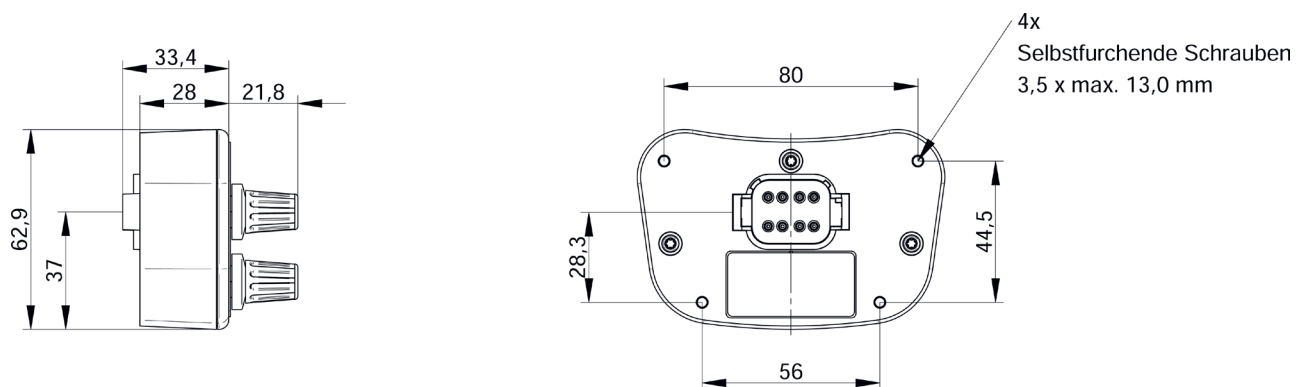
Operating voltage range	DC 8 ... 32 V
Operating/storage temperature	-30 ... +85 °C
CAN ports	1 CANopen, built-in terminating resistor
Push encoder count	3
Push encoder properties	
Feature	Bidirectional rotation and push button
Illumination	Dimmable LEDs (icons)
Degree of protection	IP42
Vibration	ISO 16750-3
Shock	ISO 16750-3
Protection against polarity reversal	Yes

Pinout

DT06-08SA Deutsch connector, 8 pins

CAN_L	1
CAN_H	2
Ground	3
Power supply	4
Power supply	5
Ground	6
CAN_H	7
CAN_L	8

Dimensional drawing



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Further details and order information are available on request. Specifications are subject to change without notice. Errors and omissions excepted.