

OPUS Thor verbindet Funktionalität mit besonderer Stärke: Hochrobustes Aluminium-Gehäuse mit Griff und Montage-Rohr aus einem Guss, wasserfest, Display-Federung, 2 CANbus-Schnittstellen, Videoeingang.

OPUS THOR combines practical functions with exceptional strength: Extremely rugged, all-in-one waterproof aluminum casing, handle and mounting tube, cushioned display, 2 CANbus ports, video input.

OPUS Thor allie fonctionnalité et force particulière : boîtier en aluminium très robuste avec poignée et tube de montage monobloc, étanche à l'eau, amortissement de l'écran, 2 interfaces CANbus, entrée vidéo.

OPUS Thor combina una funcionalidad práctica con una resistencia excepcional: En un solo elemento extremadamente robusto están la cubierta, el mango y el tubo de montaje de aluminio resistente al agua, pantalla amortiguada, 2 puertos CANbus, entrada de video.

O OPUS Thor combina funcionalidade com uma força impressionante: carcaça robusta de alumínio com alça e tubo de montagem em uma só peça, à prova d'água, amortecimento de display, 2 interfaces CANbus, entrada de vídeo.

OPUS THOR – это практичность и функционал в сочетании с высокой прочностью и надежностью. Все элементы консоли управления размещены в прочном водонепроницаемом корпусе из алюминия. Панель управления крепится на специальном трубчатом кронштейне. Для того, чтобы оператор мог повернуть ее в удобное положение, предусмотрена ручка. Дисплей закреплен на виброамортизаторах. Имеются два разъема CAN и видеовход.

OPUS Thor的特殊功能优势在于：带有把手和铸铁安装管的高耐久性防水铝合金外壳、显示器缓冲配置、2个CANbus接口，视频输入接口...




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HOUSING

Standalone mount,
orientation landscape

W 280 x H 155 x D 103.5 mm,
incl encoder, excl. connector and cables

Weight 3.2 kg

DISPLAY

5.7", 4:3, TFT, transmissive

320 x 240 pixels

300 cd/m² max brightness

350:1 max contrast

H ±65°, V +40°/-65° max viewing angles

USER INTERFACE

5 Softkeys, 1 Hardkey

3 encoders

SIGNALS

Optional Piezo alarm approx 80 dBA

PROCESSOR

16-bit, 20 MHz, C167CR

MEMORY

256 MB SRAM

2 MB Mass Storage

32 kB serial EEPROM

INTERFACES

2 CANbus ISO 11898,
CAN specification 2.0 B active

VIDEO

Optional 1 Composite CCITT video input,
PAL 50 Hz color coding, input level
1 V_{pp}, 75 Ω

REAL TIME CLOCK

Optional RTC buffered for 2 weeks by gold
cap, accuracy ±1 sec/day

CONNECTORS

Main: Deutsch, 8 pin, DT04 8 PA

Video: Rosenberger 59K102-102E3Q

POWER SUPPLY

Max tolerable 8 – 36V DC

ENVIRONMENTAL CONDITIONS

Temperatures

Operating -25° to +65°C

Storage -30° to +85°C

Protection IP 65. Not for outdoor use.

Vibration 5g @ 57 – 300 Hz, 24 h per axis

Shock 30g, 11ms, 10 times per axis

CERTIFICATES

CE mark

OPERATING SYSTEM

Wachendorff BIOS

PROGRAMMING

Wachendorff Projektor-Tool
for Windows® NT/2000/XP
supporting

Optional ISObus 11783

Generic driver

CANfreestyle

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 **PUS THOR**



