

Mit seinen Geschwistern OPUS A3 Eco und Standard eng verwandt, hat das OPUS A3x zusätzlich ein numerisches Tastenfeld. Daher ist dieses Bediengerät für die Steuerung von Anlagen besonders gut geeignet.

Closely related to its siblings, the OPUS A3 Eco and Standard, the OPUS A3x provides the addition of a 10-key keypad. For that reason, this console is particularly appropriate for controlling equipment.

Doté de fonctions très similaires à celles des autres appareils de sa catégorie (Opus A3 Eco et Standard), l'Opus A3x possède en plus un pavé numérique, ce qui en fait un terminal opérateur particulièrement adapté pour la commande des installations.

Muy similar a sus hermanos, OPUS A3 Eco y Standard, el OPUS A3x tiene, además, un teclado numérico. Esto hace al OPUS A3x especialmente adecuado para el control de plantas.

Compartilhando várias das características dos parentes OPUS A3 Eco e Standard, o OPUS A3x ainda oferece um campo de teclas numéricas. Por isso, esse painel de operação é especialmente adequado para o controle de sistemas.

Похожий на своих братьев OPUS A3 Eco и Standard, OPUS A3x дополнительно оснащён цифровой кнопочной панелью. Поэтому данный блок управления особенно хорошо подходит для управления промышленными установками.

OPUS A3x与其兄弟产品 OPUS A3 Eco型和OPUS A3 Standard型非常相似，它配有专门的数字键盘。这使得用于控制的操作设备具有相当好的适用性。




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## HOUSING

Standalone or dashboard mount,  
orientation landscape or optional portrait

Approx W 247 x H 95 x D 55 mm,  
incl encoder, excl connector and cables

Weight < 1 kg

## DISPLAY

4.3", 16:9

TFT, transmissive

480 x 272 pixels

400 cd/m<sup>2</sup> max brightness

400:1 max contrast

H ±60°, V ±55° max viewing angles

## USER INTERFACE

Optional analog-resistive touchscreen

8 Softkeys, 15 Hardkeys

Key backlighting - blue, adjustable

1 encoder with push click to enter

## SIGNALS

1 multicolor LED and 3 status LEDs

Piezo alarm approx 65 dBA

## PROCESSOR

32-bit, 400 MHz / 533 MHz, I.MX25 / I.MX35

## MEMORY

64 / 128 MB DDR2

512 MB / 1 GB Mass Storage

32 kB serial EEPROM

## INTERFACES

2 CANbus ISO 11898,  
CAN specification 2.0 B active

1 RS-232 (RxD, TxD, GND only), EIA-level

Optional 4 analog or digital inputs  
(selectable via software), 3 digital outputs

1 USB 2.0 full speed on main connector,  
optional 1 USB 2.0 high speed on front

Optional Ethernet 10/100 Mbit

## WIRELESS

Optional Bluetooth® 2.0, Class 2

## VIDEO

Optional 1 Composite CCITT video input,  
PAL 50 Hz color coding, input level  
1 Vpp, 75 Ω

Video overlay with video layer for background

## REAL TIME CLOCK

Buffered for 2 weeks by gold cap

## CONNECTORS

Main: AMP Seal, 26 pin

Analog/Digital I/O: On main connector

USB: On main connector,  
optional USB A on front

Ethernet: 4-pole round connector,  
M12, D-coded

Video: 5-pole round connector,  
M12, B-coded

## POWER SUPPLY

Max tolerable 8 – 36V DC

## ENVIRONMENTAL CONDITIONS

Temperatures

Operating –30° to +75°C

Storage –40° to +80°C

Protection IP 67 and IP 65.

True outdoor.

Vibration 5g @ 57 – 2000 Hz, 150 h per axis

Shock 30g, 11ms, 10 times per axis

## CERTIFICATES

e1 and CE mark

## OPERATING SYSTEM

Embedded Linux®

## PROGRAMMING

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

CANopen®

Generic driver

CANfreestyle

J1939

## ADVANCED PROGRAMMING

Optional CoDeSys v3

Optional Programming in C/C++

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 PUS® A3x



