Field Xpert SFX370

Yderligere oplysninger og aktuel pris::

www.dk.endress.com/SFX370

Fordele:

- Simple device access, optimized device configuration, adaptable configuration templates and clear configuration reports save time during commissioning
- Explicit device documentation saves time during device exchange, transparent maintenance, diagnosis and trouble-shooting information increases the safety and availability of the plant
- High resolution full-VGA touchscreen (640x480 Pixel) makes operation simple
- High ingress protection and explosion protection allows Field Xpert to be used in all industries
- Seamless integration of calibration data into calibration management solutions saves time and increases the quality of device calibrations
- Mobile phone, camera (send as-is pictures immediately by email), 1D laser scanner (barcode), 2D imager (e.g. DataMatrix-Code, QR-Code) and RFID as standard or option increases labor productivity
- Open, vendor-independent operating system allows additional Asset Management applications to be run

Anvendelsesområde: Field Xpert is an industrial PDA with integrated touchscreen for commissioning and maintaining field devices in explosion hazardous and safe areas*. It allows efficient configuration of FOUNDATION fieldbus, HART 5/6/7 and WirelessHART devices via Bluetooth and/or Wifi interfaces. From an application oriented view, Field Xpert is the mobile platform for Endress+Hauser Plant Asset Management applications. *Field Xpert SFX350 (save areas) and Field Xpert SFX370 (explosion-hazardous areas).

Funktioner og specifikationer

Fieldbus components

Measuring principle

Endress+Hauser

Fieldbus components

Function

Ruggedized mobile computer (PDA) for commissioning and maintenance of field devices. Efficient device configuration and device diagnostics for HART and FOUNDATION fieldbus devices in Ex- and Non Ex-areas.

CPU

OMAP Multi Core Processor 1GHz

Memory

512 MB RAM, 1 GB Flash Memory,
16 GB Micro-SD Card (up to 32 GB possible)

Power supply

Lithium-ion battery, IEEE 1725 (removable, rechargeable), 3,7 V,4000 mAh

Dimensions (WxHxD)

Standard:
225 mm x 85 mm x 58 mm
(8,8" x 3,3" x 2,3")
With optional head module:
249 mm x 85 mm x 58 mm
(9,8" x 3,3" x 2,3")

Screen size

High resolution 3.5 inches touchscreen display, Gorilla glass protected, ambient light sensor, LED backlight, automatic screen rotation (accelerometer).

Resolution

VGA (640 x 480 pixels), 65.536 colors

Communication interface

- USB
- Wireless LAN
- Bluetooth
- Infrared

Fieldbus components

Operation

Operating system:
Microsoft Windows Embedded Handheld 6.5.3,
German or English (depending on the order)

Configuration

Configuration software:
- Device Xpert HART
- Device Xpert FOUNDATION fieldbus

Optional
- Wireless WAN
- GPS

Fieldbus components

Certificates

Drop specification:
MIL-STD 810G
Electromagnetic Compatibility:
Interference conformance to
- EN 55022: 2006 + A1: 2007
- CISPR 22: 2006-03 (Class B)
Immunity conformance to
- EN 55024: 1998 + A1: 2001 + A2: 2003
- CISPR 24: 1998 + A1: 2001 + A2: 2003
Ingress protection:
IP65, NEMA Type 4
Explosion protection:
Intrinsically safe
II 2G Ex ia IIC T4 Gb IP64
II 2D Ex ia IIIC T135°C Db IP6X
CE Mark
Hazardous area approval:
- ATEX (Zone 1) IIC T4
- ATEX (Zone 21) IIIC IP 64
- IECEx (Zone 1) IIC T4
- IECEx (Zone 21) IIIC IP 64
- NEC Class I, Division 1, A–D T4
- NEC Class II, Division 1, E–G T4
- NEC Class III, Division 1
Telecommunication approval:
FCC, CE
Electrical safety:
UL (DEMKO), cULus listed

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Endress+Hauser