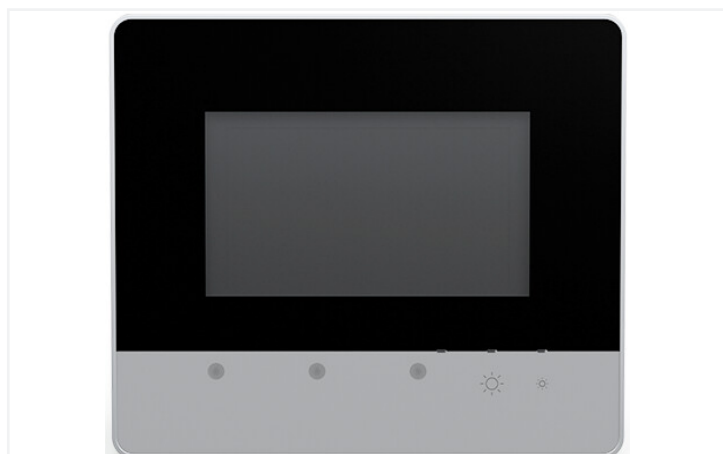
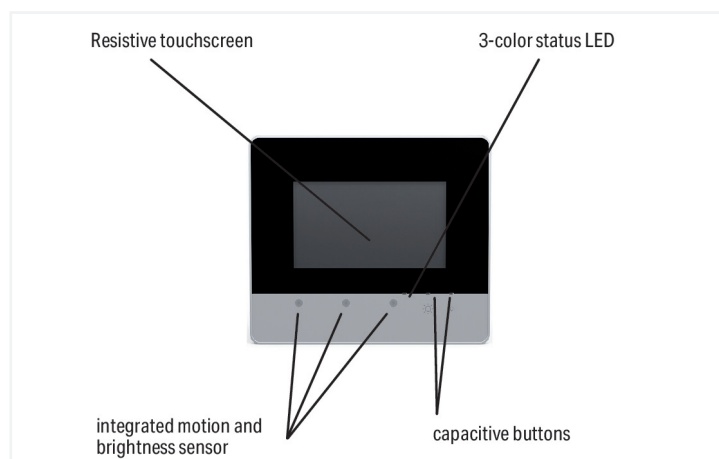
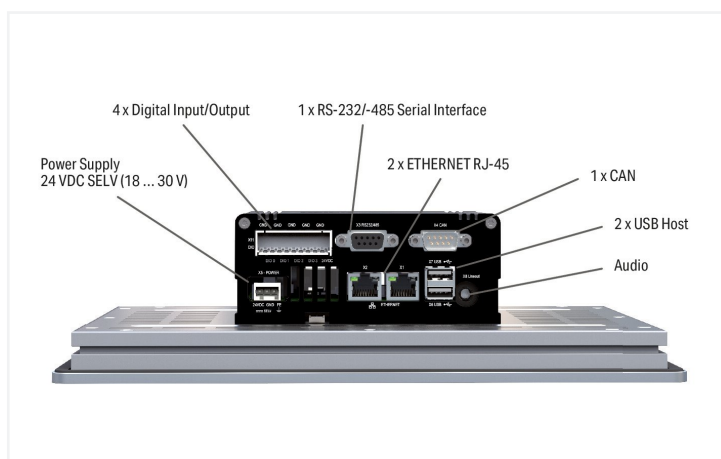


Data Sheet | Item Number: 762-4301/8000-002

Touch Panel 600; 10.9 cm (4.3"); 480 x 272 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/
DO, RS-232/485, Audio; Control Panel

<https://www.wago.com/762-4301/8000-002>

[illegible]

PIO3 hardware configuration

- 2 x ETHERNET port for connecting to field devices and the engineering tool
- 2 x USB port for optional connection of a USB stick, mouse or keyboard
- Audio interface for connecting a headphone or loudspeaker
- CAN for controlling field devices
- RS-232/485 interface for controlling field devices equipped with a serial interface
- 4 x digital input/output for reading/triggering digital signals
- Power-failure-proof storage component

Technical data

Display diagonal	10.9 cm (4.3 inches)
Display	Resistive touchscreen
Display colors	16 million colors
Graphics resolution	(480 x 272) px
Contrast ratio	600:1
Viewing angle (horizontal/vertical)	80° / 80°
Brightness	500 cd/m²
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH



Technical data	
Communication	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library Modbus (RTU), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner CANopen EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT RS-232 serial interface RS-485 interface BACnet/IP, requires an additional license Telecontrol protocols, requires an additional license MicroBrowser (including visualization of CODESYS V2.3), requires an additional license
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	CODESYS V3.5, Firmware Release 24 or higher e!COCKPIT (based on CODESYS V3) up to Firmware Release 22
Main memory (RAM)	2048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Non-volatile software memory	128 KB
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	Resistive touch panel, two capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 ... 31.2 V); with reverse voltage protection
Operating power	6.0 W, without USB load; 11.5 W, with USB load

Connection data	
Connection technology: communication/fieldbus	Modbus (TCP, UDP): 2 x RJ-45; EtherNet/IP™: 2 x RJ-45; CANopen: 1 x D-sub 9 plug; Modbus (UDP): 2 x RJ-45; RS-232 + RS-485/-422 serial interface: 1 x D-sub 9 socket; USB: 2 x USB 2.0 host (type A)
Connection technology: supply	1 x Included female connector (734-103) with three CAGE CLAMP® connections

Physical data	
Width	155 mm / 6.102 inches
Height	135 mm / 5.315 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(140 x 120) mm

Mechanical data	
Weight	640 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +55 °C (when mounted vertically; -20 ... +50 °C, other mounting positions)
Ambient temperature (storage)	-20 ... +80 °C
Protection type	IP65
Note on protection type	IP65 (front side); IP20 (rear side), per EN 60529
Relative humidity (without condensation)	90 %
Mounting type	Clamping elements (included) or VESA mount (4 x M4x8)
Fire load	0.003 MJ



Commercial data	
ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143839518
Customs tariff number	84714100000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
  					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-WBP762			
UL Underwriters Laboratories Inc. (ORDINARY LOCATI- ONS)	UL 61010-2-201	E175199			

Approvals for marine applications

		
Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001FS

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 762-4301/8000-002	

Documentation



Manual			
Product Manual WAGO Touch Panel 600	1.7.0 24.05.2022	pdf 2487.15 KB	↓
Product Manual OPC UA Mapping Editor	V 1.1.0 11.03.2022	pdf 3314.23 KB	↓
OPC-UA Mapping Editor			↓
Migration Guide	V 1.3.0 03.07.2023	pdf 4938.74 KB	↓
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5			↓

System Description		
Touch Panel 600, system description	pdf 512.48 KB	↓

Tutorial			
Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB	↓

Additional Information			
WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	↓

Bid Text			
762-4301/8000-002	19.02.2019	xml 5.97 KB	↓
762-4301/8000-002	04.01.2019	docx 22.00 KB	↓
ausschreiben.de 762-4301/8000-002			↓

Application Notes

Application Note e!COCKPIT			
e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0 27.02.2023	zip 67588.63 KB	↓
Application Note WAGO Visualization Datalogger (a2022005)	20230622 22.06.2023	zip 3852.71 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 762-4301/8000-002	↓

CAE data	
EPLAN Data Portal 762-4301/8000-002	↓
ZUKEN Portal 762-4301/8000-002	↓

Engineering-Software



Configuration and Commissioning Software			
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	

Runtime Software			
Firmware			
Image Update (SD Karte) TP 600	V 22 SP1 14.12.2022	zip 215605.05 KB	
WUP Update (WAGOupload Tool) TP 600	V 22 SP1 14.12.2022	zip 213841.16 KB	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Installation
1.1.1.1 Mounting accessories



Item No.: 762-9001
e!DISPLAY7300T ; Clamping elements (4 pieces)

1.1.2 Memory card
1.1.2.1 Memory card



Item No.: 758-879/000-3102
Memory Card SD Micro; 2 GByte



Item No.: 758-879/000-3108
Memory Card SD Micro; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C

1.1.3 Software
1.1.3.1 Software application



Item No.: 2759-208/211-1000
Library MTP; Single License; Online activation