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SMART570™

Display



Key Benefits

- Easy use thanks to touch and keypad operation
- Good readability even in bright sunlight
- Individual housing sticker design
- Customising of the user interface
- AEF-certified functionalities*

The integrated ISOBUS functions are AEF certified. Visit the AEF database for information on the current status of certified functionalities.

AEF Certified ISOBUS UT TECU AUX-N TC-BAS TC-GEO TC-SC
www.aef-isobus-database.org

Easy to Use

The SMART570™ operating and display device complies with ISOBUS standard ISO 11783 and can be used as an Universal Terminal (UT) on all ISOBUS machines, regardless of manufacturer. Thanks to its flat design, the housing can can be easily installed in the cab. For optimal depiction of the connected implement, the SMART570™ offers a 5.7-inch colour display with a resolution of 640 x 480 pixels. A total of 12 softkeys can be operated both via the membrane keyboard and via touch display. The latter supports the driver with text input by providing a complete keyboard on the screen. The rotary encoder enables rapid value changes for numerical inputs.

Connected

The SMART570™ supports AUX-N functionality according to ISO 11783. The functions of connected AUX-N devices can be assigned to the keys of AUX-N operating device in a convenient editor. The mini tractor functionality completes the SMART570™'s range of functions. Speed and work position signals are evaluated and displayed in the form of a small dashboard. The SMART570™ is connected to the CAN bus via a cabled CPC connector.

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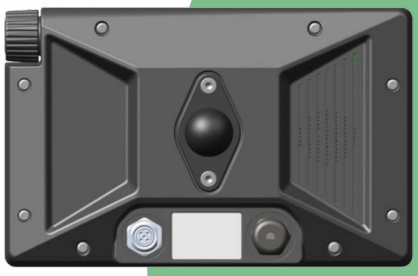
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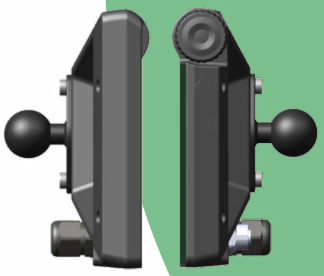
SMART570™

Display

Technical	
Operating voltage	9 – 32 V
Processor	32 Bit STM F767, 216 MHz
Storage	Boot Flash 18 MB / RAM 8 MB
Operation System	RTX
EMC	In accordance with 14982
ESD protection	In accordance with 15003
Current consumption	approx. 350 mA
Housing & Display	
Dimensions	W 212 mm x H 135 mm x D 44 mm
Weight	approx. 850 g (without bracket)
Material	PC-ABS / UL-VO
Environmental Rating	IP65
Display Size	5.7“ VGA colour screen
Touch Screen	capacitive touchscreen
Display Resolution	640 x 480 px







Connection 1: CAN/Power 9-pin CPC connector		
1	ECU_PWR	Supply +12V
2	CAN_L $_{input}$	CAN Input
3	CAN_L $_{output}$	CAN Output
4	CAN_H $_{input}$	CAN Input
5	CAN_H $_{output}$	CAN Output
6	TBC_PWR	Ignition Input
7	ECU_PWR	Supply +12V
8	n.c.	Not connected
9	ECU_GND	Ground

Connection 2: Signals 5-pin M12 connector		
1	n.c.	Not connected
2	DI $_{in1}$	Speed sensor input
3	n.c.	Not connected
4	GND	Ground
5	DI $_{in2}$	Work position sensor input

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