

Multi Functional 6,5" TFT-Display for Landing – Navigation – Support

type number 00893



Main features:

- Rugged LCD-TFT colour video monitor for use under harsh environmental conditions as in small or medium aircraft for safe landing support on small airfields under bad weather and low visibility conditions. It displays information needed for approaching-, tunnelling- and runway phase.
- USB Keyboard controller with eight functional keys
- Two port USB HUB to connect external pointing devices and PC-Keyboards.
- LED illuminated keys on front bezel. Illumination depending on screen brightness.

Options:

- Touch screen

Accessories:

- External distribution box

Technical Data:

Display type:	6,5" TFT LCD W.LED backlight
Resolution:	1024 x 768 pixels
Active display:	132 x 99 mm
Contrast ratio:	500:1 typ.
Brightness:	600 cd/m ² without protection glass
Viewing angle:	160° l/r, 80°/60° up/down
Response time:	25 ms typ. (ton/toff)
Display standards:	VGA, SVGA, XGA max. 60Hz
Audio:	2,8 W stereo amplifier with two speakers
Power input:	24 Vdc nominal (12 Vdc to 32 Vdc) < 25 W
Input:	DVI 1.0 on DVI connector USB 2.0, current ratio max. 500 mA per downstream port
Frontal control keys:	-on / standby -brightness up / down -function keys F1 to F8
Humidity:	88 %, 40°C, non condensing
Altitude:	15000 ft (4572 m)
Vibration:	2 g, 5 Hz to 100 Hz (non operating)
Shock:	55 g, 11 ms, 5 per direction (non operating)
EMI:	EN 55022 Class B
Protection:	IP 44 / EN 60529
Temperature:	-20 °C to +60 °C (operating) -30 °C to +80 °C (storage)
Dimensions:	200 x 146 x 37,5 mm (W x H x D)
Weight:	approx. 1Kg
Colour:	deep black, RAL 9005, half matt or TBD

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.