

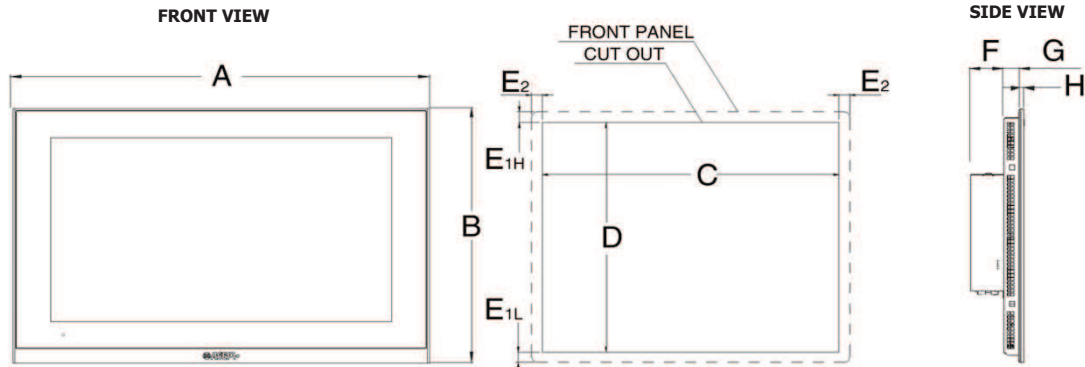
Industrial Automation - Products & Configurations

MH100-TFM MONITOR		POWER [W]
Basic configuration	LCD TFT 15,6" • Touch-screen Multitouch • aluminum and glass TrueFlat front panel • 24V DC isolated power supply • Video input VGA and DVI-D • 12 months warranty	17
DISPLAY & TOUCH-SCREEN	15,6" W LCD TFT 16:9 • 1366x768 (HD), 16M colors • LED backlight, 400 cd/m2 • Viewing angle L:R/U:L (typ): 85°:85°/80°:80° 15,6" W Touch-Screen • P-CAP projected capacitive multitouch, 4 fingers • Controller on module	
	18,5" W LCD TFT 16:9 • 1366x768 (HD), 16M colors • LED backlight, 300 cd/m2 • Viewing angle L:R/U:L (typ): 75°:75°/70°:70° 18,5" W Touch-Screen • P-CAP projected capacitive multitouch, 4 fingers • Controller on module	+ 10
	21,5" W LCD TFT 16:9 • 1920x1080 (FHD), 16M colors • backlight LED, 300 cd/m2 • Viewing angle L+R/U+L (typ): 89°:89°/89°:89° 21,5" W Touch-Screen • P-CAP projected capacitive multitouch, 4 fingers • Controller on module	+ 21
POWER SUPPLY	Input voltage 24V DC • not isolated	- 1
	Input voltage 24V DC • isolated	
	Input voltage 110/230V AC • autoranging	+ 0
OPTIONS		POWER [W]
DIRECT CONNECTION CABLES	Calbes kit 1,8 mt VGA (VGA 1,8 mt / USB 1,8 mt)	-
	Calbes kit 1,8 mt DVI (DVI 1,8 mt / USB 1,8 mt)	-
	Calbes kit 7,5 mt VGA (VGA 10 mt / USB 7,5 mt) > note 2	-
	Calbes kit 7,5 mt DVI (DVI 10 mt / USB 7,5 mt) > note 2	-
	Calbes kit 10 mt VGA (VGA 10 mt / USB 11 mt amplified) > note 2	-
	Calbes kit 10 mt DVI (DVI 10 mt/ USB 11 mt amplified) > note 2	-
	Extension calbe for RS232 touch-screen interface (DB9M/DB9F) 1,8mt	-
WARRANTY EXTENSION	Warranty extension to 18 months on basic system and its variants	
	Warranty extension to 24 months on basic system and its variants	
	Warranty extension to 36 months on basic system and its variants	
NOTES		
<p>For power consumption calculation we recommend to read the tips on pg. 4. The power values does not include the absorbed power of USB devices connected to the ports.</p> <p>1: Usage of the serial interface exclude the USB interface operation for touch-screen</p> <p>2: With kit cables 7,5mt, USB 1.1 standard is ensured With kit cables 11mt, USB 2.0 standard is ensured; USB cable has an amplified signal repeater in the middle; Repeater has dimensions of (mm) 32x17x90; distance of the repeater from the edges is 5mt and 6mt</p>		



TECHNICAL SPECIFICATIONS	
Case	Panel mount
Front panel	Aluminum and tempered glass TrueFlat • ASEM logo serigraph printed
Touchscreen	Projective capacitive multitouch, 4 fingers • overlaminated with OCA (Optical Clear Adhesive) • Controller on module
Overall dimensions & weight	See details on the related section
Frontal protection	IP66
Power supply	DC: Input voltage 18÷32V DC • not isolated
	Input voltage 18÷36V DC • isolated
	AC: Input voltage 90÷264 V AC • isolated • Autoranging
Rear access interfaces	1 x VGA (DB15F) • 1 x DVI-D Single Link • 2 x USB 2.0 (Type A) • 1 x USB 2.0 (HUB input, Type B) • 1 x RS232 (DB9F) for T/S, optional
Environmental specifications	Operating temperature: 0° ÷ +50°C • Storage temperature: -5° ÷ +60°C • Humidity: 80% (non-condensing)
Approvals	CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) • cULus LISTED (UL508)
Standard warranty	12 months • Warranty management by ASEM headquarters

DIMENSIONS (mm)



LCD TFT	A	B	C	D	E _{1L} :E _{1H} /E ₂	F	G	H	Weight (kg)
15,6"	433	280,5	410	255	15:10,5/11,5	45	36	6	6,0
18,5"	503	320,5	480	300	10:10,5/11,5	45	35	6	7,3
21,5"	581,5	367,5	559	347	10:10,5/11,5	45	35	8	8,4

