

# Product Datasheet

## Characteristic

# HMIDT542

## 10.4 Touch Smart Display SVGA



### Main

range of product	Magelis GTU
product or component type	flat screen
terminal type	touchscreen display
integrated connection type	USB 2.0 type A USB 2.0 type mini B

### Complementary

pixel resolution	800 x 600
function available	brightness sensor
[Us] rated supply voltage	12...24 V DC (power supply)
supply voltage limits	10.8...28.8 V
power consumption in W	15 W
display size	10.4 inch
display type	colour TFT LCD
display resolution	800 x 600 pixels SVGA
display colour	16 million colours
backlight lifespan	50000 hours
touch panel	multi touch analogue resistive
type of installation	indoor installation
type of cooling	natural convection
inrush current	30 A
cut-out dimensions	259 (+ 1/- 0) x 201 (+ 1/- 0) mm
width	10.73 in (272.5 mm)
height	8.44 in (214.5 mm)
depth	2.64 in (67 mm)
product weight	5.95 lb(US) (2.7 kg)

### Environment

IP degree of protection	IP66 (front panel) IP67 (front panel)
NEMA degree of protection	NEMA 4X (front panel)
standards	UL 508

	ANSI/ISA 12-12-01 CSA C22.2 No 213: class I division 2 CSA C22.2 No 142 IEC 61132-2
product certifications	CE cULus RCM KC
ambient air temperature for operation	32...140 °F (0...60 °C) conforming to EN 61131-2
ambient air temperature for storage	-4...140 °F (-20...60 °C)
pollution degree	2
relative humidity	10...90 % (non-condensing)
operating altitude	6561.68 ft (2000 m)
vibration resistance	3.5 mm constant amplitude (f = 5...9 Hz) conforming to EN/IEC 61131-2 9.8 m/s <sup>2</sup> (f = 9...150 Hz) conforming to EN/IEC 61131-2
shock resistance	147 m/s <sup>2</sup> conforming to EN/IEC 61131-2
electromagnetic compatibility	electrostatic discharge immunity test, level 3 conforming to EN/IEC 61000-4-2

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1347 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available