QTERM A12

12" Rugged touch HMI

The QTERM-A12 human machine interface features universal connectivity, bright 12.1" (307 mm) widescreen display, for rugged, hazardous, extreme temperature environments.
800 x 600 pixel SVGA, 12.1" (307 mm) diagonal, LED lighted, TFT color LCD touch screen display
Panel-mount
-30 to 70 °C operating temperature
Touch screen
NEMA-4 sealing, IP66, UL 50 Type 4X (outdoor)
10 to 32 VDC
iX, Qlarity and native Windows CE design environment

ⓘ Important life cycle dates, read more ->

Facts

General description

Part number	317992
Life cycle status	Discontinued
Warranty	2 year

Certifications

General	FCC, CE
Hazardous	UL C1D2
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Mechanical

Mechanical size	344 x 267 x 69 mm
Touch type	Resistive
Cut-out size	303 x 254 mm
Weight	2.1 kg
Housing material	Polymer

Power

Input voltage	10 to 32 VDC
Power consumption (max)	9 Watts @ 24 VDC (typical), 13 Watts @ 24 VDC (max)

System

CPU	XScale PXA 300 ARM 624 MHz
RAM	128 MB
FLASH	4 GB

Software

Operating system	Windows CE

Display

Size diagonal	12.1" (307 mm)
Resolution	800 x 600
Backlight	LED lighted, TFT color LCD
Backlight life time	50000 hours
Backlight brightness	450 cd/m2
Backlight dimming	Software-controllable
Display type	5-wire

Serial communication

Number of serial ports	2 Port 9pin DSUB

Ethernet communication

Number of Ethernet ports	1
Ethernet port 1	1x10/100 Base-T (shielded RJ45)

Communication CAN

Number of CAN ports	2

Environmental

Operating temperature	-30 to 70 °C
Storage temperature	-40 to 85 °C
Shock	40 g, 11 ms, common orthogonal axes
Vibration	10 to 1500 Hz, 4g RMS
Sealing front	NEMA-4, IP66, UL 50 Type 4x (outdoor)
Humidity	5 to 95%, non-condensing

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Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmoe, SWEDEN

+46 40 35 86 00 (tel:+46 40 35 86 00)

info@beijerelectronics.com (mailto:info@beijerelectronics.com)