



HMI Display

6.31

General

MJK HMI Display unit, provides fast and direct system supervision and pump control via the intuitive touch screen navigation.

This allows the end-user to do on-site evaluation and correction of the attached M μ Connect units.

The HMI Display is communicating via RS-485.

Features

- 7" Colour Touch screen
- Intuitive navigation and setup
- real-time pump status, pump adjustments, pump operation, pump starts, amp consumption, flow & level and more
- 7 days operation data for simple comparison
- On-screen graphs and download of selective signal data for USB stick.
- Simple connection of external signals e.g. level and flow measurement.
- M μ Connect/Connect Controllers are supported in standard configuration
- High quality, and tested thoroughly with M μ Connect and Connect

Applications

Indication, Control and supervisory of sewer and wastewater plants

- Pump stations
- Storm flow monitoring
- Storm flow reservoir
- Wastewater treatment plants
- Control of aerators in sewage plants
- Energy optimization
- Water supply plants and raw water sources
- Raw water borings
- Ground water pump stations
- Filter rinsing
- Pressure booster stations
- Pressure control
- Filtering plants



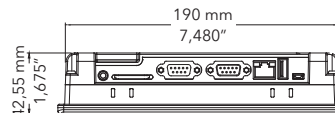
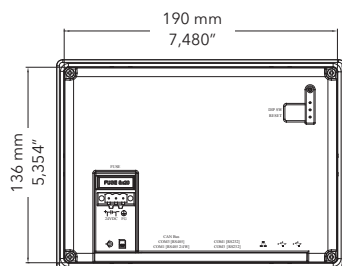
DATASHEET

EN 6.31 HMI DISPLAY DATASHEET 2001

mjk
a xylem brand

HMI Display

Dimensions and Electrical Connection:



Specifications

HMI Display	
Power Supply	24 ±20% VDC
Power Consumption	400 m A@24V
Memory	Storage 256MB / RAM 256MB
Processor	32Bit RISC CPU 1GHz
Display	7" TFT / Resolution 800 x 480 pixels (W x H)
	Brigtness (cd/m2) 500 / Contrast Ratio 500:1 / 16.7M Colors
	LED Back Light / Back Light Life Time >30.000 hrs
	Touch Panel 4-Wire Resistive Type
External Communication	CAN bus / CANopen Protocol / Modbus RTU
Interface	SD Card Slot SDHC / Audio Line Out - 3.5 mm jack x 1
	USB Host 2.0 x 1
	USB Client USB 2.0 x 1 (Micro USB)
	Ethernet RJ45 port (10/100 Base-T) x1
	COM Port COM1 (RS-232/RS-485 2W/4W), COM3(RS-232/RS-485 2W) Supports MPI 187.5K
Enclosure	IP66 front panel (O ring seal) / NEMA 4
Cabinet Material	Aluminum
Operation conditions	-20°~50°C (-4°~122°F)
	Storage Temperature -20°~70°C (-4°~158°F)
	Operation Humidity 10%~90% RH (non-condensing)
Weight (kg)	App. 0.9 kg.
Dimensions	Panel Cutout 192 x 138 mm (W x H)
Approvals	Compilies with EN 55022:2006+A1:2007 , EN 61000-3-2:2006+A2:2009 .EN 61000-3-3:2008, EN 55024:1998+A1:2001+A2:2003
	Comply with FCC class A
	UL508 type 1 , NEMA4
Ordernumbers	
205410	Mµ Connect HMI Colour/Touch 7" Display
205205	Power Supply DIN, 100-240VAC 24VDC, 1.75A,
205506	Cable for Connect to HMI display 2,7 meters
205507	Cable for Mµ Connect to HMI display 2,7 meters