

MCGS

Installation Instructions

TPC1071GI

10.2-inch industrial touch-screen HMI

01

CONFIRM THE EXACT PRODUCT

Product model	TPC1071GI
Product category	Industrial touch-screen HMI
Display	10.2-inch TFT LCD with LED backlight
Resolution	1024 x 600 pixels
Touch panel	Four-wire resistive
Processor	Quad-core Cortex, 1 GHz

02

BEFORE INSTALLATION

- Verify the panel cutout and mounting clearances before installation.
- Use a regulated 24 V DC supply and observe polarity.
- Separate communication wiring from high-noise power conductors.
- Confirm the required MCGS Linux runtime project and interface settings before commissioning.

03**MOUNTING AND CONNECTION**

- Verify the complete model and installed equipment configuration.
- Isolate all energy sources and follow site lockout procedures.
- Use manufacturer-approved mounting, wiring, grounding and ESD controls.
- Keep signal and communication wiring separated from high-noise conductors.
- Inspect connectors, terminals and mounting hardware before energizing.

04**COMMISSIONING CHECKS**

- Confirm supply ratings and wiring polarity.
- Verify communication or output settings before applying the operating load.
- Check enclosure clearances and ventilation requirements.
- Record the installed model, configuration and baseline operating values.

05 APPLICATION-SPECIFIC REVIEW

- Machine operator interfaces
- Production-line visualization
- Equipment status monitoring
- Process parameter entry
- Industrial data communication

06 CONTROLLED DOCUMENTATION

Product	TPC1071GI
Manufacturer	MCGS
Source	User-supplied MCGS TPC1071GI product specification
Support	INFO@AMIKON.CN

This quick guide does not replace the complete manufacturer documentation, site procedure, electrical drawing, hazardous-area approval or qualified engineering review.