

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

MCGS

TPC1071GI

10.2-INCH INDUSTRIAL TOUCH-SCREEN HMI

Selected technical information follows this cover with the documented source scope retained.

REFERENCE PACKAGE

Prepared for procurement, maintenance and replacement review.

CONTROLLED SOURCE

User-supplied MCGS TPC1071GI product specification

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VERIFIED PRODUCT PARAMETERS

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
Memory	256 MB RAM; 4 GB Flash
Supply	24 V DC, approximately 6 W
Interfaces	1 x RS-232; 2 x RS-485; 1 x USB host; 1 x Ethernet LAN
Installation	Embedded panel or mounting-bracket installation
Overall dimensions	27.1 x 21.3 x 3.2 cm
Net weight	Approximately 1.5 kg

Source scope: User-supplied MCGS TPC1071GI product specification. Verify current manufacturer documentation before installation or replacement.

APPLICATION AND SERVICE REFERENCE

Application	Machine operator interfaces
Application	Production-line visualization
Application	Equipment status monitoring
Application	Process parameter entry
Application	Industrial data communication
Service note	Verify the panel cutout and mounting clearances before installation.
Service note	Use a regulated 24 V DC supply and observe polarity.
Service note	Separate communication wiring from high-noise power conductors.
Service note	Confirm the required MCGS Linux runtime project and interface settings before commissioning.

Source scope: User-supplied MCGS TPC1071GI product specification. Verify current manufacturer documentation before installation or replacement.