TESTED VALIDATED
HMI Centric Architecture

Efficient Lexium Cobot Operation enabled by GPH6000

Designed for end users, machine builders, and system integrators to monitor and operate the Lexium Cobot in sync with adjacent production steps.

KEY BENEFITS

Precise Control with Physical Switches

- The GPH6000 is equipped with physical switches for precise teaching, ensuring reliable input even when wearing gloves or in situations requiring quick, accurate actions.

Emergency Switches for safe operations

- Ensure maximum operator safety with integrated enable and emergency stop switches, an illuminated status indicator, and a SIL3-compliant 3-position control, certified to IEC 61508.
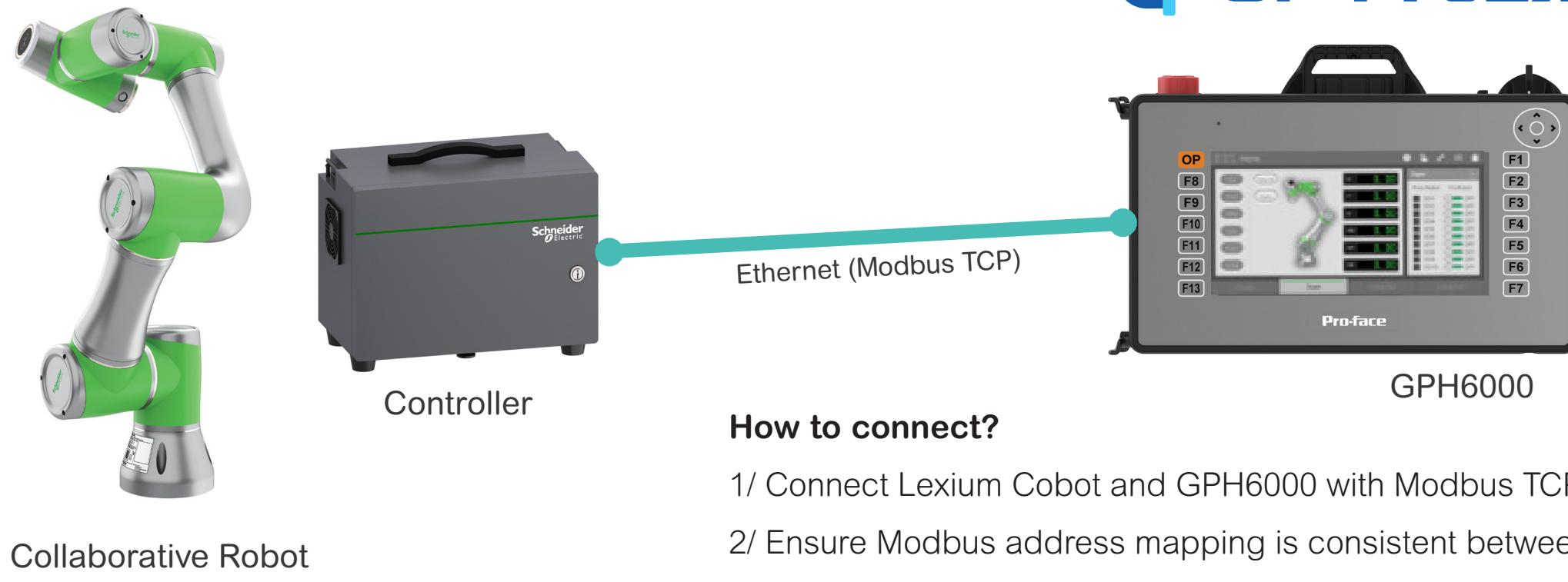
Stable, Secure Wired Communication

- Using wired connections removes risks of wireless interference or dropouts—crucial for safety and reliability in industrial environments.

Pre-configured Template for Easy Cobot Interaction

- Ready-to-use screen template that simplifies and speeds up Lexium Cobot operations.

Pro-face™
by Schneider Electric

GP-ProEX

Collaborative Robot

Controller

GPH6000

Ethernet (Modbus TCP)

How to connect?

1/ Connect Lexium Cobot and GPH6000 with Modbus TCP

2/ Ensure Modbus address mapping is consistent between Lexium Cobot and GPH6000

Customizable Template for Lexium Cobot Interaction

Power Management: Turn the Cobot on/off and enable/disable functionality.

I/O Control: Manage Modbus analog (DINT, REAL) and digital inputs/outputs.

Program Control: Start, stop, pause, or resume Cobot programs.

Real-Time Monitoring: View live data such as joint positions, speeds, voltages, currents, and TCP position/speed.

Manual Control: Execute joint or Cartesian movements and reach predefined positions.

Pro-face
Advanced Handheld HMI
GPH6000 with GP-Pro EX from v.5.01.000 or later

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Schneider Electric
Lexium Cobot
Collaborative Cobot: LXMRLxxS0000
Controller: LXMRLxxC1000	LXMRLxxC2000

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