ABB MODEL-SPECIFIC PRODUCT

GATE-P2-2TLA020071R8000

GATE-P2-2TLA020071R8000 connects a Pluto bus to a supervisory PROFIBUS DP system. Check the DP-V0 configuration, station address and non-safety data mapping before replacement.

PRODUCT FAMILY	PRODUCT TYPE
Pluto	**Pluto PROFIBUS Gateway**

Exact model configuration

CONFIGURATION FIELD	DECODED VALUE
Displayed model	**GATE-P2-2TLA020071R8000**
Manufacturer	**ABB**
Product family	**Pluto**
Product type	**Pluto PROFIBUS Gateway**
Supply voltage	**24 V DC, -15% / +20%**
PROFIBUS interface	**DP-V0 slave; up to 12 Mbit/s**
Current at 24 V	**Less than 100 mA**

Application fit

- Exchange status between a Pluto bus and a supervisory PROFIBUS PLC.
- Match the DP-V0 slave configuration and DIP-switch address (0-99).
- Information sent toward Pluto is non-safety-related; preserve the validated safety architecture.

PRODUCT-SPECIFIC REFERENCE	INSTALLATION NOTE
24 V DC, -15% / +20% DP-V0 slave; up to 12 Mbit/s Less than 100 mA	Mount on 35 mm DIN rail. Dimensions (W x H x D): 22.5 x 101 x 119 mm. Operating ambient: -10 to +55 degrees C. IP20 enclosure and terminals. Origin: Sweden (customer-specified).

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering GATE-P2-2TLA020071R8000

Use this page as a controlled procurement checklist. It does not replace the manufacturer datasheet, installation instructions or approval certificate.

Ordering limits and selected values

CONFIGURATION FIELD	DECODED VALUE
Manufacturer	**ABB**
Product family	**Pluto**
Product type	**Pluto PROFIBUS Gateway**
Supply voltage	**24 V DC, -15% / +20%**
PROFIBUS interface	**DP-V0 slave; up to 12 Mbit/s**
Current at 24 V	**Less than 100 mA**

Procurement checklist

- Confirm the complete ordering code GATE-P2-2TLA020071R8000 and readable nameplate before shipment.
- Match the GATE-P2 label to ABB article 2TLA020071R8000.
- Record the station address and PLC data mapping before replacement.
- Toward Pluto: allocate at most 64 Boolean values and eight 16-bit registers.
- Check actual-unit terminals, nameplate, condition and project requirements.

DIRECT SALES INQUIRY

Send the full model **GATE-P2-2TLA020071R8000**, quantity, delivery country, and a clear nameplate or installation photo.

Sandy Lin | plcinfo@mooreplc.com | WhatsApp /Phone: +86 18020776786

Source and document status

Technical basis	ABB Pluto Safety PLCs brochure 1SXU172023B0201, printed pages 24-25. GATE-P2 article 2TLA020071R8000. Reviewed 4 September 2026.
Publisher	Moore Automation - independent industrial automation supplier.
Document status	Independent product manual; not a manufacturer-issued datasheet, conformity certificate or calibration certificate.
Important	Verify availability, revision status, compatibility, nameplate data and regulatory requirements before ordering.