

FEATURES

- High Performance ARM® Cortex® PLCs
- Graphical & Open Source Programming
- Small & rugged Design
- Lowest Current Consumption
- Wide Operating Voltage Range
- Wide Operating Temperature Range
- Vibration resistant and rugged Sealing
- Both analog and digital Inputs
- High Speed analog Outputs
- High Frequency Counter Inputs
- Solid-State Highside Power Outputs
- Solid-State PWM Outputs
- CAN2.0, CANopen, J1939, NMEA2000
- Comprehensive Protection Circuits
- TTL-232/USB Interfaces
- HMI/CAN Display available
- Free Programming Software
- Comprehensive Programming Templates
- OEM Versions available within 8 Weeks
- Engineered and manufactured in Germany

APPLICATIONS

- Industrial Automation
- Automotive Applications
- Process Control
- Test System Control
- Building Automation
- Technical Training and Education
- Environmental Technology
- White Goods
- Light and Show Applications

**ENGINEERED &
MANUFACTURED
IN GERMANY**

BARTH[®]
Elektronik GmbH

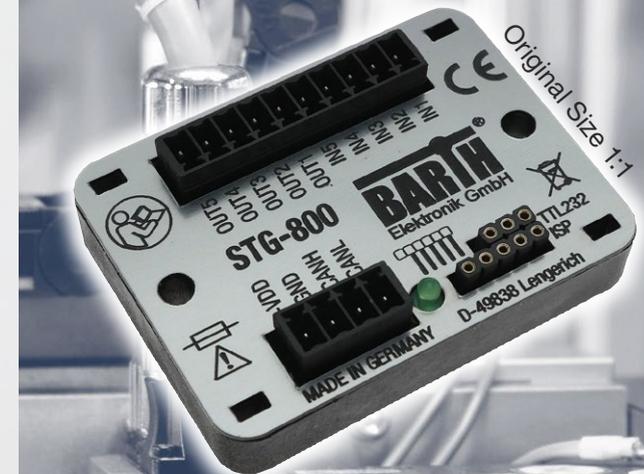
ARM[®] Cortex[®]
MINI-PLCs

BARTH[®]
Elektronik GmbH

Established in 1993, BARTH Elektronik GmbH specialises in the development and production of innovative programmable logic controllers (PLC), wiring harnesses and cable assemblies for the automotive, marine and engineering industry including applications as diverse as building automation and the control of industrial diesel engines.

It's worldwide customer base benefits from expert support and high-quality production facilities that offer outstanding flexibility, minimal lead times and economical price-performance ratios. The company is particularly well known in the industrial arena for its mini-PLCs, which can be battery powered, allowing engineers to control small applications such as stand-alone machines or mobile applications. In addition, the PLCs can be directly integrated into machines, bringing the advantage of reduced wiring.

In recognition of its performance and attractiveness to engineers wanting right-sized control solutions, RS Components recently granted a Global Supplier Award for Innovation to BARTH, paying particular attention to the success of BARTH's STG series of mini-PLCs.



You Tube

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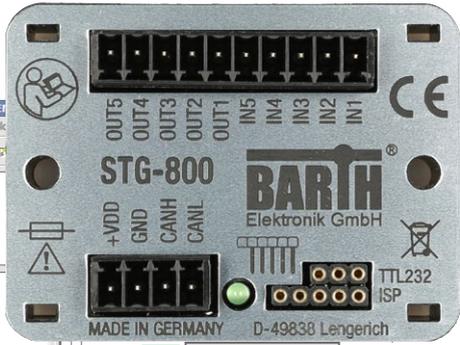
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EXPLORE THE NEW BARTH® ARM® Cortex® MINI-PLCs

- ARM® CORTEX®
- miCon-L
- 1010110101 OPEN SOURCE
- 3 ANALOG INPUT
- 2 DIGITAL INPUT
- 4 POWER OUTPUT
- FREQUENCY MEASURING
- EVENT COUNTER
- PULSE MEASURING
- CAN 2.0A/B open®
- SAE J1939
- NMEA 2000®
- TTL-232
- SOLID STATE
- 7..32V=
- 40/+50
- ULTRA FLAT
- SHOCK PROOF
- COMMON FEATURES

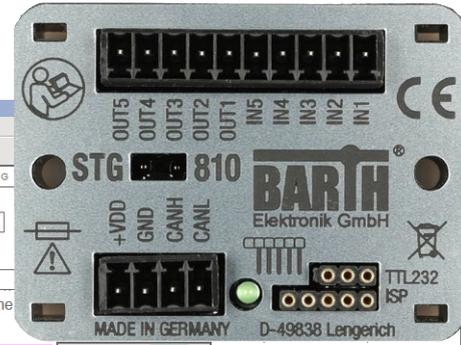
Mini-PLC STG-800

- 1 POWER PWM



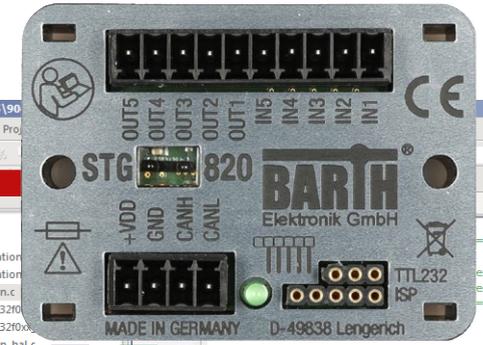
Mini-PLC STG-810

- 1 POWER PWM
- IrDA



Mini-PLC STG-820

- ANALOG OUTPUT
- IrDA



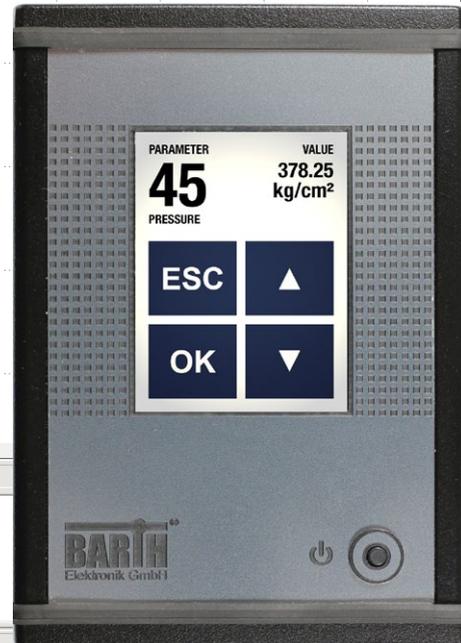
IrDA

CAN2.0

CAN Touch Display DMA-20



Parameter Programmer PG-65



- CAN2.0A/B
- CANopen
- J1939
- NMEA2000
- ISOBUS
- TTL-232
- USB

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