

The GemSmart+



Smart solenoids that offer various features to control and monitor solenoid valves using a simple and user-friendly App with NFC communication.

It provides several benefits, including cost reduction, functional optimization, and improved operational reliability.

BENEFITS

- **Conversion to Smart Device:**
Smart solenoids with additional built-in features.
- **Flexibility for R&D Engineers:**
Benefit for engineers in fault finding by indication position of valve.
- **On-Spot Modifications:**
Enables field technicians to perform on-spot modifications.
- **Combination of Features:**
Allows users to combine different features, such as DC timer with PWM.
- **Dedicated Smart Phone App:**
Enables configuration and valve control features.

FEATURES

1. **Position Feedback**
Provides full indication of valve status (Open/Closed).
2. **Latch Driver**
Enables controlled built-in polarity switching.
3. **PWM (Pulse Width Modulation).**
4. **Timer**
Offers various timing options.
5. **Proportional Driver**
Translates standard analog signal to a solenoid proportional valve control signal.



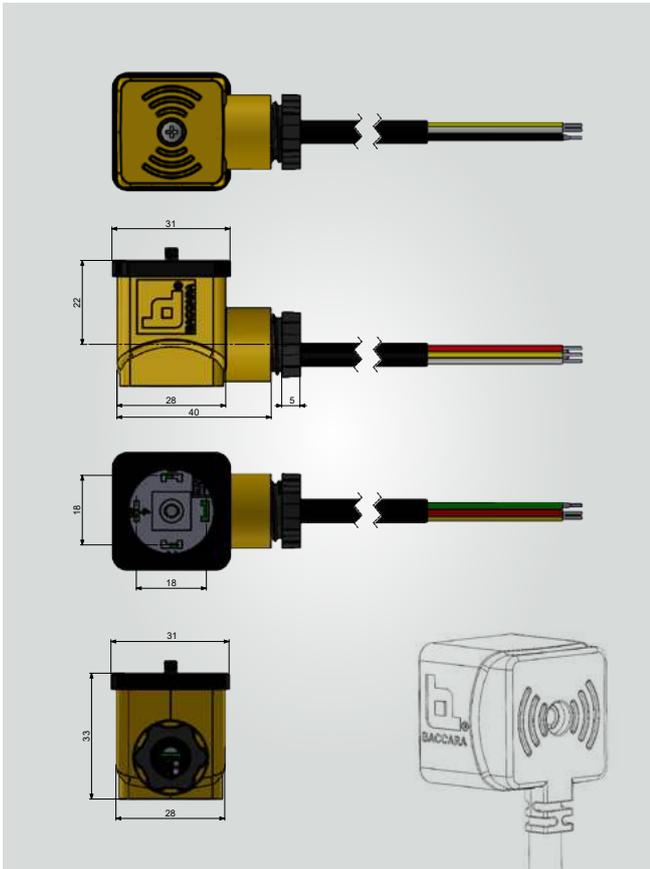
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SMARTPHONE APPLICATION

The GemSmart+ solenoids can be configured, controlled, and monitored through a dedicated smartphone application, which connects to the solenoid via NFC communication. The app allows both users and qualified technicians to make necessary adjustments and modifications.



TECHNICAL DATA

- Power: Operating voltage range: 9~30V Continues DC or Latch.
- Current consumption: Idle 4mA
- Dimensions: 31 mm / 1.22 inch, Height: 40mm / 1.57 inch, Width: 28mm / 1.10 inch.
- Cable : 1 meter.
- IP Rating: IP65
- Temperature Range: -10° to 80°C
- Fixing Screw: M3 x 35
- Max. Conductor Section: 1.5 mm²
- DIN: 43650A

GemSmart+ Solenoid offers advanced features and capabilities to optimize its performance, making it a valuable addition to machines and industrial applications.



Scan to experience
smart control with
the GemSmart+ App

Android only



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