Pietro Fiorentini

GLOG EVO

GLOG EVO is a datalogger for gas pressure reduction station management, control, and monitoring.

GLOG EVO can operate on batteries or with an external power source. Its major advantage is the versatility of its connectivity, which ensures smooth integration with both traditional supervision systems and modern environments.

GLOG EVO complies with EN60079-0 and EN60079-11.

District stations

Features	Values
Analogue inputs (AI)	3 for Pressure Sensor 2 for Temperature Sensor Pt1000
Digital inputs (DI)	8 digital inputs for general purpose 2 HF
Digital outputs (DO)	4 digital outputs for general purpose
Pressure sensor accuracy	0.5% FS
Power supply	• Battery powered with up to 5 years of battery life (1 connection/Day) • External power supply (optional)
Wireless communication	4G LTE with fallback UMTS/GPRS
Local communication	Optical port (EN62056-21)
Communication protocols	MODBUS, IEC 870-5-104
Accessories	External pressure transducer with 1/4 G male connection
Antenna	External
Ingress protection	IP66, IP67
ATEX Certification	II 1 (1) G Ex ia [ia Ga] IIB T3 Ga
Ambient conditions	Temperature from -25°C to +60 °C
Main dimensions / Weight (with enclosure)	215 x 172 x 85 mm / 2.4 kg

Table 1 Features

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Materials and Approvals

Part	Material
Enclosure	SMC
Pressure sensor	Stainless Steel 304

Table 2 Materials

GLOG EVO is CE marked and complies with Directives 2014/53/EU (RED), 2014/30/EU (Electromagnetic Compatibility - EMC) and 2014/34/EU (ATEX)

RED EMC ATEX

GLOG EVO competitive advantages

- Compact size
- Low-power consumption
- ATEX zone 0
- Extended battery life
- 4G and 2G network technologies
- Alarms triggered by exceeding thresholds and/or reaching physical/logical states
- Periodic, scheduled or event-related communication

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