

# EP-LOG EVO

**EP-LOG EVO** is a datalogger designed to monitor the operating pressure in low pressure natural gas distribution networks (UNI/TR 11631:2016 standard).

**EP-LOG EVO** can be installed on pole or wall mounted boxes and can be supplied with a pressure cable for underground gas outlets or with a connection for off-road gas outlets, guaranteeing maximum installation flexibility



District stations

Features	Values
Analogue inputs (AI)	1 for Pressure Sensor 1 for Temperature Sensor Pt1000 (optional) 1 for Pressure Sensor (optional)
Digital inputs (DI)	2 digital inputs for general purpose (optional)
Pressure sensor accuracy	0.5% FS
Power supply	Battery powered with up to 5 years of battery life (1 connection/Day)
Wireless communication	4G LTE with fallback UMTS/GPRS
Local communication	Optical port (EN62056-21)
Communication protocols	MODBUS, IEC 870-5-104
Accessories	<ul style="list-style-type: none"> <li>External pressure transducer with 1 G female connection integrated in the enclosure</li> <li>External pressure transducer with 1/4 G male connection</li> </ul>
Antenna	Internal
Ingress protection	IP66, IP68
ATEX Certification	II 1 (1) G Ex ia [ja Ga] IIB T3 Ga
Ambient conditions	Temperature from -25°C to +60 °C Humidity <90% without condensation
Main dimensions / Weight (with enclosure)	280 x 140 x 90 mm / 2.4 kg

**Table 1** Features

## Materials and Approvals

Part	Material
Enclosure	SMC
Pressure sensor	Stainless Steel 304

**Table 2** Materials

**EP-LOG 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

## EP-LOG 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