

Gas Detector

Teta MiniDet

Product code: PW-107-LPG



Innovations



Reliability



Cost efficiency



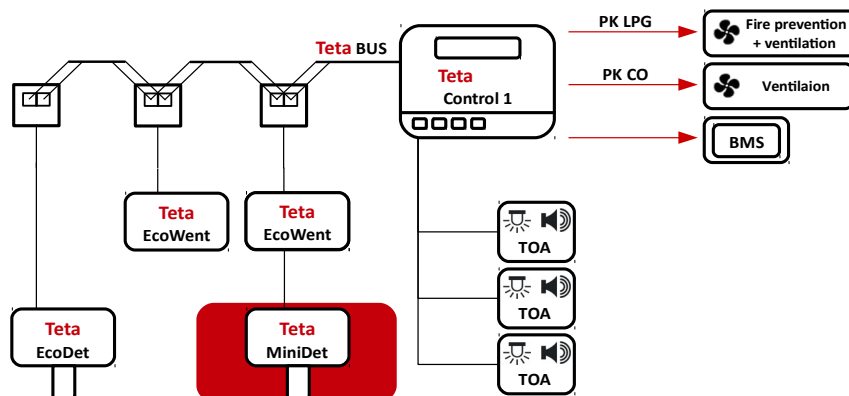
Information about the product

Teta MiniDet is an addressable gas detector designed to sense propane-butane (LPG) concentration in public facilities (e.g. garages or parking lots) and meant as a part of Teta Gas Safety System. The detector is not an independent device but its operation is only possible after connection to the Teta EcoWent detector, which makes up a measurement station that enables simultaneous detection of LPG and carbon monoxide.

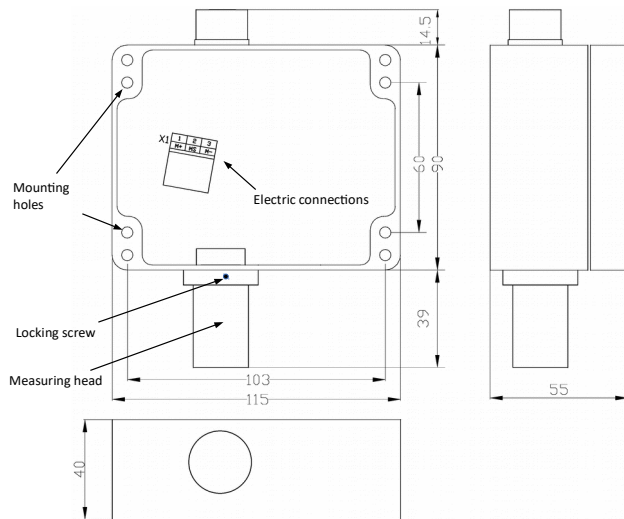
Key advantages of the detector:

- any polarization of connections
- 3 alarm thresholds
- simple and transparent method for identification of the detector status on the control unit
- catalytic sensor insensitive to alterations of ambient conditions

Location and role of the device in Gas Safety System



Electrical interface and dimension



No.	Name	Pin	Description
1	X1		Power supply port
		M+	Positive
		MS	Signal line
		M-	Negative

Technical specification

Power supply	6 V $\ddot{=}$ 0.8 W	
Environment	In-operation	Storage
• Ambient temperatures	-20 – 40°C	0 – 40°C
• Humidity	10 – 90% long term 0 – 99% short term	30 – 90% long term
• Pressure	1013 \pm 10% hPa	
Measured substance	LPG (C ₃ H ₈)	
Measured range	50% LEL	
IP	IP 43	
Protection class	III	

Cable glands (cable diameter range)	Gland pressed into the installation pipe – diameter of the pipe 16 mm Glands multiband – diameter of wire 3.5 – 12 mm
Acceptable cables	0.2 – 2.5 mm ² – solid wire 0.2 – 2.5 mm ² – multi-wire cable
Enclosure material	ABS
Weight	0.3 kg
Mandatory periodic inspection	Every 12 months (Calibration Certificate validity)
Mounting	4 screw holes 4 mm

Product marking

Product code	Device
PW-107-LPG	Gas Detector Teta MiniDet

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