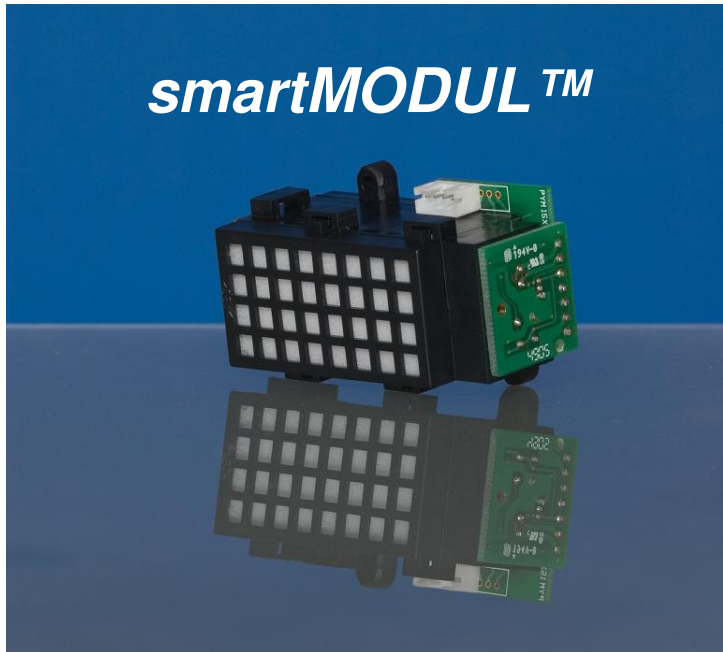


**Propane(C<sub>3</sub>H<sub>8</sub>)**

Part number.: *SM-PAL*



- **Gas sensor with infrared detection technology (NDIR)**
- **Dual Beam**
- **Highly reliable**
- **LEL monitoring**
- **Settable alarm thresholds**
- **Bus-capable (modbus protocol)**
- **Lifetime > 10 Years**

**Technical Data**

<b>Gas detected:</b>	Butane C <sub>4</sub> H <sub>10</sub>
<b>Detection principle:</b>	NDIR (Dual Beam)
<b>Detection range:</b>	0 to 100 % LEL (SM-BUL)
<b>Accuracy:</b>	+ 1 % of range *
<b>Pre alarm:</b>	7 % LEL (settable)
<b>Main alarm:</b>	14 % LEL (settable)
<b>Operating temperature:</b>	-10°C to 50°C
<b>Pressure:</b>	800 hPa to 1100 hPa
<b>Humidity:</b>	0% to 95% rel. humidity
<b>Warm up time:</b>	< 2 Min.
<b>Response time:</b>	< 25 s Diffusion < 5 s Flow

**Electrical Data**

<b>Operating voltage:</b>	5.0 V DC +/- 5 %
<b>Drive current:</b>	70mA (switch on current approx. 140mA)
<b>Outputs:</b>	2 Signal outputs (Open collector) Modbus Open Protocol

**Mechanical Data**

<b>Dimensions L x W x H</b>	62 mm x 37 mm x 30 mm
<b>Storage temperature</b>	-25 to 60°C

\*Depending on the version