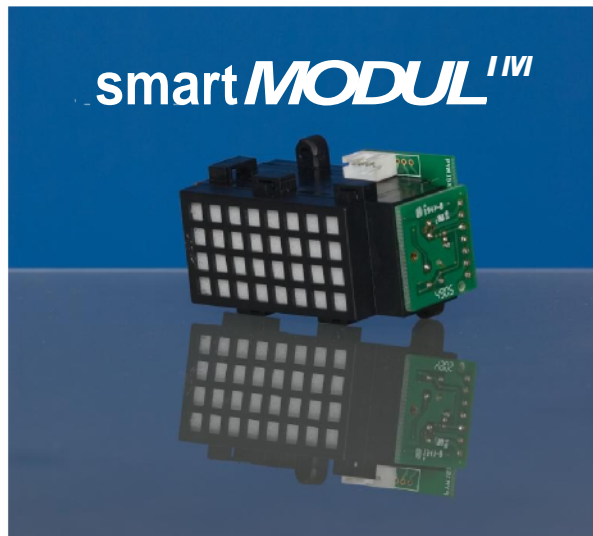


Methane (CH₄)

Part number.: *SM-MAL / SM-MAX*



- › 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:

General features

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

Electrical data

Operating voltage:	70mA (switch on current approx. 1 40mA)
Drive current:	2 Signal outputs (Open collector)
Outputs: 5,0 V DC +/- 5 %	Modbus Open Protocol

Mechanical data

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

*depending on the version