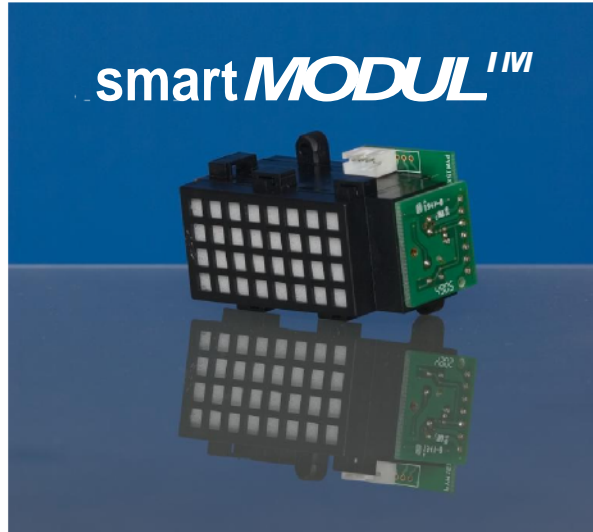


Acetylene (C₂H₂)

Part number.: SM-AYL



- › 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 (SM-AYL)
Detection range:	+ 1 % of range *
Accuracy: Pre alarm:	7 % LEL (settable)
Main alarm: Operating temperature:	14 % LEL (settable)
Pressure:	-10°C to 50°C
Humidity:	800 hPa to 1100 hPa
Warm up time:	0% to 95% rel. humidity
Response time: Acetylene C ₂ H ₂	< 2 Min.
	< 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