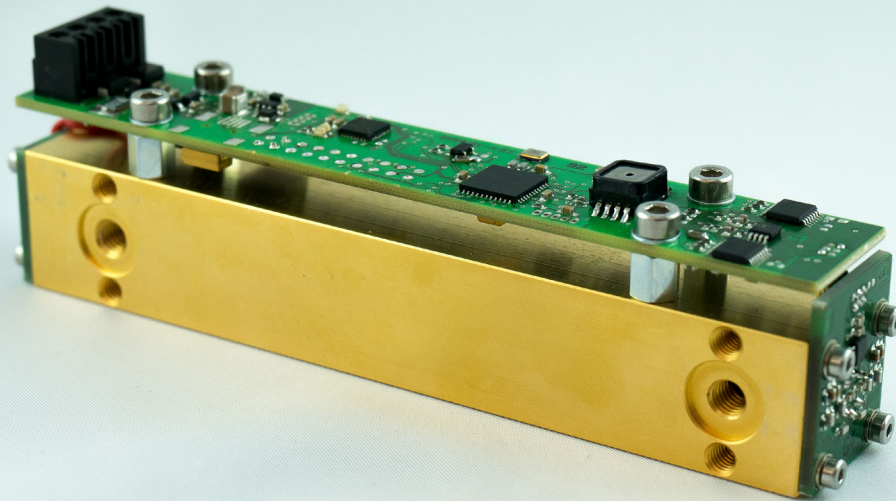




7207.02-A.00

Inline CH₄ NDIR sensor



Inline NDIR bench for CH₄ and hydrocarbon monitoring.

GENERAL CHARACTERISTICS

Measurement range 0 ... 4.4 Vol.-% (100%UEG)

Temperature and pressure compensated

Integrated temperature measurement

RS485 interface

4 ... 20mA interface



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Inline CH₄ NDIR sensor

SPECIFICATION	
Measuring gas	CH ₄
Measurement range	0 ... 4.4 Vol.-% (0 ... 100%UEG)
Resolution	± 300ppm
Accuracy	< 2% of the measured value
Response time	< 10s
Heat up time	< 10min
Storage temperature	-20 ... +85°C
Operating temperature	-20 ... +65°C
Operating humidity range sensor Operating humidity range electronics	0 ... 99% (not condensated) 0 ... 85% (not condensated)
Interface	RS485
Analogue output	4 ... 20mA
Supply voltage	10 ... 36VDC
Power consumption	< 2W
Long-term stability	< 5% of the measured value per 1 year



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Inline CH₄ NDIR sensor

MECHANICAL DRAWING

