



Electro Optical Components, Inc.

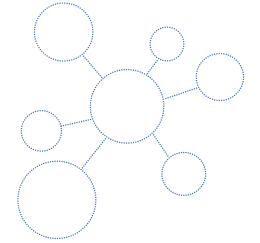
5464 Skylane Boulevard, Suite D, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

www.eoc-inc.com | info@eoc-inc.com



smartGAS Diffusion Gas Sensors



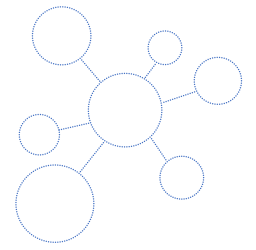
Types

- BASIC^{EVO}
- BASIC^{EVO} Pro
- C4
- TRANSMITTER
- TRANSMITTER Pro

Accessories

- ModulBox
- CONNECT Interface
- Calibration Adapter
- Tools
 - Windows Calibration Tool
 - Windows Data Logger Tool

smartGAS Diffusion Gas Sensors



BASIC^{EVO}

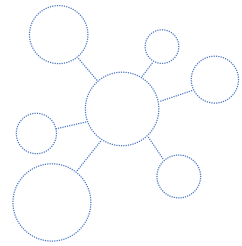


Gs	Measurement range
CO ₂	5000 ppm – 5 Vol.-%
CH ₄	5 Vol.-%
C ₃ H ₈	1,7 Vol.-%
N ₂ O	500 ppm
SF ₆	200 ppm – 1500 ppm
HVAC Single Gas	1000 ppm – 2000 ppm

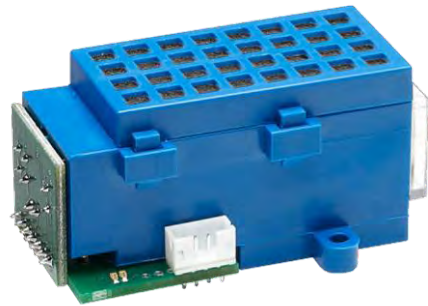
- Single Gas NDIR Sensor Two Channel Detector with Reference
- Power 3.3 - 6 VDC
- Data Readout Frequency 2.5Hz
- Interface ModBus 1 Wire TTL
- Options
 - CONNECT Interface
 - Environment Pressure Compensation only with CONNECT Interface
 - Connection Cable
 - Modul Box
 - Calibration Gas Adapter (only with Modul Box)
 - USB/Modbus 1 Wire TTL Adapter (Service Tool)
- Tools
 - Windows Calibration Tool
 - Windows Data Logger Tool



smartGAS Diffusion Gas Sensors



BASIC^{EVO} Pro

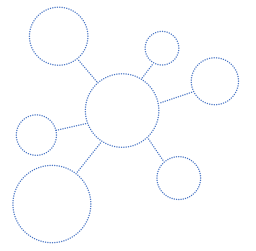


Gs	Measurement range
HVAC Multi Gas	1000 ppm & 2000 ppm

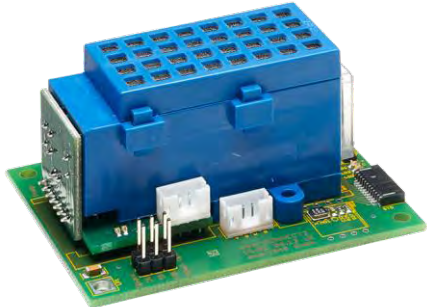
- Single Gas (selectable) NDIR Sensor Two Channel Detector with Reference
- Power 3.3 - 6 VDC
- Data Readout Frequency 2.5Hz
- Interface ModBus 1 Wire TTL
- Standard Gas : R134a
Selectable Target Gas : R22,23,32,123,125,404a,407a,407c,407f,449a,410a,452a,454b,455a,507,512a,515b,1233zd,1234yf,1234ze
- Options and Accessories
 - CONNECT Interface
 - Environment Pressure Compensation (only with CONNECT Interface)
 - Connection Cables
 - Modul Box
 - Calibration Gas Adapter (only with Modul Box)
 - USB/Modbus 1 Wire TTL Adapter (Service Tool)
- Tools
 - Windows Calibration andd Datalogger Tool



smartGAS Diffusion Gas Sensors



C4 : BASIC^{EVO} (Pro) & CONNECT Interface

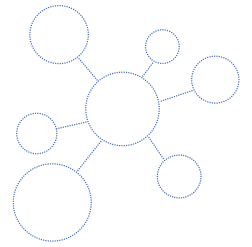


Gas	Measurement range
CO ₂	5000 ppm – 5 Vol.-%
CH ₄	5 Vol.-%
C ₃ H ₈	1,7 Vol.-%
N ₂ O	500 ppm
SF ₆	200 ppm – 1500 ppm
HVAC Single Gas	1000 ppm – 2000 ppm
HVAC Multi Gas	1000 ppm & 2000 ppm

- Power 12 - 28 VDC
- Interface 485 / Analog
- Options and Accessories
 - Module Box
 - Calibration Gas Adapter (only with Modul Box)
 - Connection Cables
 - USB/RS485 Adapter (Service Tool)
- Tools
 - Windows Calibration Tool
 - Windows Data Logger Tool



smartGAS Diffusion Gas Sensors



TRANSMITTER (Pro)

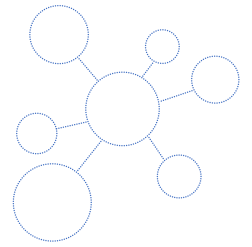


Gas	Measurement range
CO ₂	5000 ppm – 5 Vol.-%
CH ₄	5 Vol.-%
C ₃ H ₈	1,7 Vol.-%
N ₂ O	500 ppm
SF ₆	200 ppm – 1500 ppm
HVAC Single Gas	1000 ppm – 2000 ppm
HVAC Multi Gas	1000 ppm & 2000 ppm

- Single Gas (selectable) NDIR Sensor Two Channel Detector with Reference
- Power 12 - 28 VDC
- Interface 485 / Analog
- T90 < 30sec
- Environment Cuvette Pressure Compensation
- TRANSMITTER Pro
Standard Gas : R134a
Selectable Target Gas :
R22,23,32,123,125,404a,407a,407c,407f,449a,410a,452a,454b,455a,507,512a,
515b,1233zd,1234yf,1234ze
- Options and Accessories
 - Calibration Gas Adapter
 - USB/RS485 Adapter (Service Tool)
- Tools
 - Windows Calibration and Datalogger Tool



smartGAS Diffusion Gas Sensor Applications



CO_2 Room Air Quality

CH_4 Room Air Control
Cooking Stoves Leak Detect
Work Place safety

C_3H_8 Work Place safety

SF_6 Eletrical high voltage Station Leak
Detect
Switch Gear Service work place
safety

N_2O Hospital Room Air Quality
ICU and Surgery Room Air Ouality
Personal safety for Medical Staff and
Patients
Food Packaging Workplace safety

HAVAC Cooling Systems, Heat Pumps, A/C
Production, Service, Device Recycling,
HAVAC Recycling,
Cold Storage Warehouses