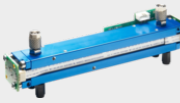
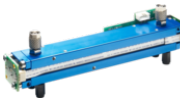
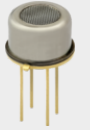
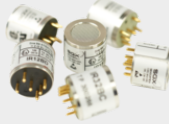


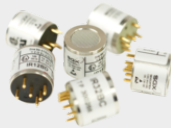
	Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	Carbon dioxide	Gas sensor module	0-500 ppm, 0-1000 ppm, 0-2000 ppm, 0-5000 ppm	Stationary	Forced flow	NDIR	No	RS232, 0/4-20 mA, 0-10 VDC
	Carbon dioxide	Gas sensor module	0-1 %, 0-5 %, 0-10 %, 0-30 %	Stationary	Forced flow	NDIR	No	RS232, 0/4-20 mA, 0-10 VDC
	Carbon dioxide	Gas sensor module	0-5%v/v, 5-40%v/v, 40-100%v/v	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	Analog (Scalable range), Digital (UART)
	Carbon dioxide, R744	Sensor	0-100 ppm, 0-500 ppm, 0-1000 ppm, 0-2000 ppm, 0-5000 ppm, 0-10.000 ppm, 0-2 %, 0-5 %, 0-10 %, 0-20 %, 0-30 %, 0-50 %, 0-100 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	Nitrous oxide, N2O	Sensor	0-500 ppm	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	Various gases	Gas sensor module	0...1 ppm,, 0...25 % dependent on gas	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART Modbus protocol), I2C, SPI
	Ozone	Gas sensor module	0 5 ppm, 0 50 ppm, 0 100 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)
	Various, VOC, TVOC	Gas sensor module	0 200 ppm, 0...2000 ppm, 0...10000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)

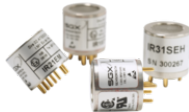
	Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	Carbon monoxide	Gas sensor module	0...10 ppm, 0 100 ppm, 0...500 ppm, 0 1000 ppm, 0 2 %, 0...10 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	4-20 mA, Digital (UART Modbus protocol)
	Hydrogen	Gas sensor module	0 1000 ppm, 0 4 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	4-20 mA, Digital (UART Modbus protocol)
	Hydrogen sulfide	Gas sensor module	0 2 ppm, 0 50 ppm, 0...100 ppm, 0...500 ppm, 0...5000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)
	Formaldehyde	Gas sensor module	0 1 ppm, 0 100 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)
	Nitrogen dioxide, NO2	Gas sensor module	0...2ppm ppm, 0...50 ppm, 0...100 ppm, 0...1000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	4-20 mA, Digital (UART Modbus protocol)
	Ammonia, NH3	Gas sensor module	0-10ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	UART TTL 3.3V or I2C digital signal
	Ammonia, NH3	Gas sensor module	0 50 ppm, 0...500 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	RS485 (modbus)
	Sulfur dioxide, SO2	Gas sensor module	0 100 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	4-20 mA, Digital (UART modbus protocol)

	Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal	
	Chlorine (Cl2) gas sensor modules	Chlorine, Cl2	Gas sensor module	0...5 ppm, 0 100 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)
	Chlorine (Cl2) ECtox gas transmitter	Chlorine, Cl2	Gas sensor module	0 5 ppm, 0...20 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	RS485 (modbus)
	Hydrogen fluoride (HF) gas sensor modules	Hydrogen fluoride, HF	Gas sensor module	0...10 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	Digital (UART), RS485 (modbus)
	I-4XP Hydrogen sulfide (H2S) gas sensor	Hydrogen sulfide	Sensor	0 50 ppm, 0 2000 ppm, 0 10000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	750 +/- 250 nA/ppm, 140 +/- 60 nA/ppm, 0.2 2 nA/ppm
	EC4-NH3	Ammonia	Sensor	0...100 ppm, 0...500 ppm	Stationary, Portable	Flow by diffusion, Forced flow	Electrochemical	No	110 ±25 nA/ppm NH3 (0...100 ppm), 35 ±15 nA/ppm NH3 (0...1000 ppm)
	PTC-01P	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Diffusion, Forced flow	Thermal conductivity	No	mV (Wheatstone bridge)
	INIR-PR2.1% Propane (C3H8) gas sensor module	Propane	Gas sensor module	0...2.1 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	Analog (Scalable range), Digital (UART)
	INIR-RF-R32 UEG Refrigerant (R32) gas sensor module	R32	Gas sensor module	0...LEL	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	Analog (Scalable range), Digital (UART)

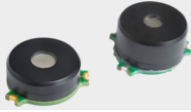
		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	INIR-ME100% Methane (CH4) gas sensor modules	Methane, Hydrocarbons	Gas sensor module	0...100 %, 0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	Analog (Scalable range), Digital (UART)
	INIR-BU1.8% Butane (C4H10) gas sensor modules	Butane	Gas sensor module	0...1.8 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	Analog (Scalable range), Digital (UART)
	IR11GM	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11GM_1	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11GJ	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11EM	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11EJ	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11BR	Carbon dioxide	Sensor	0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	IR11BD	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR11BD	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	12-36 mV (active channel in N2)
	IR21GM	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	12-36 mV (active channel in N2)
	IR21GJ	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	12-36 mV (active channel in N2)
	IR21EM	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	12-36 mV (active channel in N2)
	IR21BD	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	12-36 mV (active channel in N2)
	IR31	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	No	6-16 mV (active channel in N2)
	IR31CE	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	No	8-15 mV (active channel in N2)

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	IR31SC/SE	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	No	6-24 mV/12-30mV (active channel in N2)
	IR12GM	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR12GM_1	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR12GJ	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR12EM	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR12EJ	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR12BD	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	22-65 mV (active channel in N2)
	IR22GJ	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	22-65 mV (active channel in N2)

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	IR22EJ	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	22-65 mV (active channel in N2)
	IR22BD	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	22-65 mV (active channel in N2)
	IR32BC	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	No	8-25 mV (active channel in N2)
	IR15TT	Carbon dioxide, Methane (Hydrocarbons)	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	10-25 mV/10-48mV (active channel in N2)
	IR15TT-R	Biogas	Sensor	0...100 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - flameproof	15-25 mV/8-18mV (active channel in N2)
	IR25TT	Carbon dioxide, Methane (Hydrocarbons)	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	NDIR	Yes - intrinsically safe	10-25 mV/10-48mV (active channel in N2)
	IR601	Carbon dioxide	Sensor	0...5 %	Portable, Stationary	Flow by diffusion	NDIR	Yes - flameproof	4 ±0.5 V (in N2)
	IR602	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion	NDIR	Yes - flameproof	4 ±0.5 V (in N2)

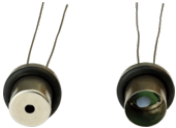
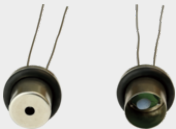
		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	IR603	Methane, Hydrocarbons	Sensor	0...5 %, 0...100 %	Portable, Stationary	Flow by diffusion	NDIR	Yes - flameproof	4 ±0.5 V (in N2)
	IR604	Acetylene	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	NDIR	Yes - flameproof	4 ±0.5 V (in N2)
	SGX-SureCO	Carbon monoxide	Sensor	0...1000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	45 +/-15 nA/ppm CO
	EC4-CO	Carbon monoxide	Sensor	0...500 ppm, 0...2000 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	70 ±15 nA/ppm CO & 28 ±10 nA/ppm CO
	EC4-H2S	Hydrogen sulfide	Sensor	0...100 ppm, 0...1000 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	800 ±200 nA/ppm H2S & 90 ±40 nA/ppm H2S
	EC4-NO	Nitrogen oxide	Sensor	0...250 ppm, 0...2000 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	400 ±80 nA/ppm NO & 42 ±22 nA/ppm NO
	EC4-SO2	Sulfur dioxide	Sensor	0...20 ppm, 0...2000 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	400 ±200 nA/ppm SO2 & 14 ±6 nA/ppm SO2
	EC4-ETO	Ethylene oxide	Sensor	0...10 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	1900 ±800 nA/ppm ETO

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	EC4-CLO2	Chlorine dioxide	Sensor	0...1 ppm, 0...50 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	460 ±80 nA/ppm CLO2 & 400 ±180 nA/ppm CLO2
	EC4-CL2	Chlorine	Sensor	0...200 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	450 ±200 nA/ppm CL2
	EC4-H2	Hydrogen	Sensor	0...1000 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	20 ±10 nA/ppm H2
	EC4-NO2	Nitrogen dioxide	Sensor	0...20 ppm	Portable	Flow by diffusion, Forced flow	Electrochemical	No	600 ±150 nA/ppm NO2
	ECVQ-EK3	Industrial gases, Flammable gases	Evaluation kit	ppm to vol %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical, Pellistor, Thermal conductivity	Yes - flameproof	Datalogging via PC Software
	MP7227-DA	Methane, Flammable gases, Vapours	Sensor	up to 5 % Methane in air	Portable, Stationary	Flow by diffusion, Forced flow	MOS, MEMS	Yes - intrinsically safe	Minimum 12 mV/%Methane
	NGM_1	Methane, Natural gas	Sensor	up to 5 % Methane in air	Portable, Stationary	Flow by diffusion, Forced flow	MOS, MEMS	Yes - intrinsically safe (only sensor)	Minimum 10 mV/%Methane
	MP7217-TC	Methane, Flammable gases, Vapours	Sensor	up to 5 % Methane in air, 100 % Methane (TC)	Portable, Stationary	Flow by diffusion, Forced flow	MOS, MEMS	No	Minimum 12 mV/%Methane; 3 mV/%Methane (TC)

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	VQ546M	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal Conductivity	Yes - flameproof	Wheatstone bridge output (mV), Methane negative
	VQ546MR	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal Conductivity	Yes - flameproof	Wheatstone bridge output (mV), Methane positive
	VQ547TS	Ammonia	Sensor	0...10 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ548ZD	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ548MP2-DA	Methane, Flammable gases, Vapours	Sensor	up to 5 % Methane in air	Portable, Stationary	Flow by diffusion, Forced flow	MOS, MEMS	Yes - intrinsically safe	Minimum 12 mV/%Methane
	VQ549ZD	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ1B	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
	VQ3BJ	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)

			Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
		VQ5	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ5MB	Flammable gases, Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ6	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ6MB	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ10B	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ10SB	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ21B	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ21TB	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)

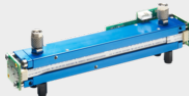
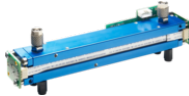
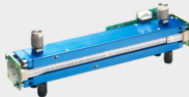
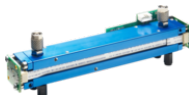
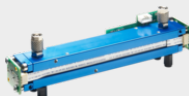
			Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
		VQ21TBJ	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ21TSB	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ22TB	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ23TB	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ25B	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
		VQ31MB	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	No	Wheatstone bridge output (mV)
		VQ35B	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	No	Wheatstone bridge output (mV)
		VQ35M	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	No	Wheatstone bridge output (mV)

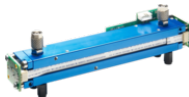
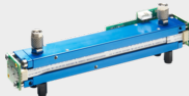
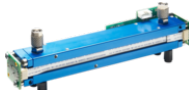
		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	VQ35MB	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	No	Wheatstone bridge output (mV)
	VQ41TSB	Ammonia	Sensor	0...10 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	No	Wheatstone bridge output (mV)
	ECVQ-EK3	Industrial gases, Flammable gases	Evaluation kit	ppm to vol %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical, Pellistor, Thermal conductivity	Yes - flameproof	Datalogging via PC Software
	VQ601	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ603	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ605	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ606	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	Yes - flameproof	Wheatstone bridge output (mV)
	VQ609	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	VQ621	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ622	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ623	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ625	Flammable gases	Sensor	0...100 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	VQ631	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	Yes - flameproof	Wheatstone bridge output (mV)
	VQ635	Helium, Hydrogen, Methane	Sensor	0...100 % Vol (Thermal Conductivity)	Portable, Stationary	Flow by diffusion	Thermal conductivity	Yes - flameproof	Wheatstone bridge output (mV)
	VQ641	Ammonia	Sensor	0...10 % LEL	Portable, Stationary	Flow by diffusion	Pellistor	Yes - flameproof	Wheatstone bridge output (mV)
	B3-Carbon dioxide Basic EVO	Carbon dioxide, R744, Refrigerant	Sensor	0-5000 ppm, 0-10.000 ppm, 0-5 %, 0-10 %, 0-20 %	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII via UART

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	B3-Broadband Refrigeration BASIC EVO	Refrigerant, R23, R32, R125, R134a, R404a, R407a, R407f, R410a, R448a, R449a, R452a, R455a, R513a	Sensor	0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII via UART
	B3-Methane Basic EVO	Methane	Sensor	0-4,4 % (0-100 % LEL)	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII via UART
	B3-Propane Basic EVO	Propane	Sensor	0-1,7 % (0-100 % LEL)	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII via UART
	B3-Sulfur hexafluoride Basic EVO	Sulfur hexafluoride	Sensor	0-1000 ppm, 0-1500 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R123 Basic EVO	Dichlorotrifluoroethane, R123, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R125 Basic EVO	Pentafluoroethane, R125, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R134a Basic EVO	Tetrafluoroethane, R134a, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R404a Basic EVO	R404a, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	B3-R407a Basic EVO	R407a, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R407c Basic EVO	R407c, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R410a Basic EVO	R410a, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R513a Basic EVO	R513a, Refrigerant	Sensor	0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R448a Basic EVO	R448a, Refrigerant	Sensor	0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R407f Basic EVO	R448a, Refrigerant	Sensor	0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R449a Basic EVO	R449a, Refrigerant	Sensor	0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R507 Basic EVO	R507, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	B3-R1234yf Basic EVO	R1234yf, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R1234ze Basic EVO	R1234ze, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	B3-R22 Basic EVO	R22, Refrigerant	Sensor	0-1000 ppm, 0-2000 ppm	Stationary	Flow by diffusion	NDIR	No	Modbus ASCII or RTU
	F3-Methane Flow EVO	Methane	Sensor	0-5000 ppm, 0-10000 ppm, 0-2.5% 0-4,4 % (0-100 % LEL), 0-5%, 0-10 %, 0-50 %, 0-100 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	F3-Biogas Flow EVO	Biogas, Methane, Carbon dioxide	Sensor	0-50 %, 0-100 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	F3-Sulfur hexafluoride Flow EVO	Sulfur hexafluoride	Sensor	0-50 ppm, 0-1000 ppm (0-100 % TLV), 0-100 %	Stationary	Forced flow	NDIR	No	Modbus ASCII or RTU
	F3-Ethylene Flow EVO	Ethylene	Sensor	0-2000 ppm	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	F3-Carbon monoxide Flow EVO	Carbon monoxide	Sensor	0-2000 ppm, 0-5000 ppm, 0-10 %, 0-20 %, 0-50 %, 0-100 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART

		Gas	Produkttyp	Messbereich	Gerätetyp	Gasfluss	Technologie	Zulassungen	Ausgangssignal
	F3-Sulfurylfluorid Flow EVO	Sulfuryldifluoride, Sulfurylfluoride	Sensor	0-100 ppm, 0-6 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	F3-Brommethan Flow EVO	Brommethan	Sensor	0-5.8 % ppm, 0-35 %	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART
	F3-Sulfur dioxide Flow EVO	Sulfur dioxide	Sensor	0-2000 ppm	Stationary	Forced flow	NDIR	No	Modbus ASCII via UART

We are here for you. Addresses and Contacts.

Headquarter Switzerland:

Angst+Pfister Sensors and Power AG
Thurgauerstrasse 66
CH-8050 Zurich
Phone +41 44 877 35 00
sensorsandpower@angst-pfister.com

Office Germany:

Angst+Pfister Sensors and Power Deutschland GmbH
Edisonstraße 16
D-85716 Unterschleißheim
Phone +49 89 374 288 87 00
sensorsandpower.de@angst-pfister.com

Scan here and get an overview of personal contacts!



sensorsandpower.angst-pfister.com