# GAS / GAS / GAZ

| | | | | Standard Messbereich | Analog Digital Serie ADT-X3 ElChem. | Analog Digital Serie ADT-X3 Pellistor | Analog Digital Serie ADT-X3 IR-Sensor | Analog Digital Serie ADT-X3 Halbleiter | Analog Serie AT-X2 ElChem | Analog Serie AT-X2 Pellistor | Analog Serie AT-X2 IR-Sensor | Analog Serie AT-X2 Halbleiter | SPC Serie 02 ElChem. | SPC Serie 02 Pellistor | SPC Serie 02 IR-Sensor | SPC Serie 02 Halbleiter | SPC Serie 03 ElChem. | SPC Serie 03 Pellistor | SPC Serie 03 IR-Sensor | SPC Serie 03 Halbleiter | Ex-Zone 1 + 2 mit ELChem | Ex-Zone 1 + 2 mit Pelistorsensor | Ex-Zone 1 + 2 mit Infrarotsensor | Ex-Zone 1 + 2 mit Infrarotkalibrierung | Ex-Zone 1 + 2 in Minen und Tunnel | Tragbar mit Temp. | Tragbar mit Temp. und Feuchte |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aceton | Acetone | Acétone | $(CH_3)_2CO$ | 0-100% UEG | | ADT-23-3485 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Acetylen | Acetylene | Acétylène | $C_2H_2$ | 0-100% UEG | | ADT-03-3405 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| | | | | | ADT-53-1120 | | | | | | | | | | | | | | | | | | | | | | |
| Ammoniak / R717 | Ammonia | Ammoniac | NH3 | 0-300ppm | ADT-63-1125 | | ADT-D3-1120 | ADT-33-1120 | | | | AT-32-1120 | SPC 02 TOX | | SPC 02 TOX | SPC 02 Semi | SPC 03 TOX | | SPC 03 TOX | SPC 03 TOX | XT-21-11XX | | | | | | |
| Ammoniak | Ammonia | Ammoniac | NH3 | 0-100% UEG | | ADT-23-3408 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| Benzindämpfe | Petrol vapors | Vapeur d'essence | | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Benzol | Benzene | Benzène | $C_6H_6$ | 0-100% UEG | | ADT-23-3430 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | | | | | | |
| Chlor | Chlorine | Chlore | $Cl_2$ | 0-10ppm | ADT-93-1193 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Chlordioxid | Chlorine dioxide | Dioxyde de chlore | $ClO_2$ | 0-1ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Chlorwasserstoff | Hydrogen chloride | Chlorure d'hydrogène | HCL | 0-20ppm | ADT-53-1186 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Cyclopentan | Cyclopentan | Cyclopentane | $C_5H_{10}$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Distickstoffmonoxid | Dinitrogen oxide | Protoxyde d'azote | $N_2O$ | 0-2000ppm | | | ADT-D3-1192 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | |
| Ethan | Ethane | Ethane | $C_2H_6$ | 0-100% UEG | | ADT-23-3420 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Ethansäure | Acetic acid | Acide acétique | $C_2H_4O_2$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Ethyl-Acetat | Ethyl acetate | | $CH_3COOC_2H_5$ | 0-100% UEG | | ADT-23-3427 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Ethylalkohol | Ethyl alcohol | Alcool éthylique | $C_2H_5OH$ | 0-100% UEG | | ADT-23-3425 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| | | | | | ADT-13-1189 | | | | | | | | | | | | | | | | | | | | | | |
| Ethylen | Ethylene | Ethylène | $C_2H_4$ | 0-2000ppm | ADT-53-1189 | | ADT-D3-1189 | | | | | | SPC 02 TOX | | SPC 02 TOX | | SPC 03 TOX | | SPC 03 TOX | | XT-21-11XX | | | | | | |
| Ethylen | Ethylene | Ethylène | $C_2H_4$ | 0-100% UEG | | ADT-23-3410 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Ethylenoxid | Ethylene oxide | Oxyde d'éthylène | $C_2H_4O$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| Ethylenoxid | Ethylene oxide | Oxyde d'éthylène | $C_2H_4O$ | 0-20ppm | ADT-53-1199 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Fluor | Fluorine | Fluor | $F_2$ | 0-1ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Fluorwasserstoff | Hydrogen fluorid | Fluorure d'hydrogène | HF | 0-10ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| | | | | | | | | ADT-C3-1160 | | | | | | | | | | | | | | | | | | | |
| Flüchtige organische Verbindungen | Volatile organic compound | Composés organiques volatils | VOC / $CO_2$ | 0-4000ppm | | | | IAQ-X | | | | | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Formaldehyde | Formaldehyde | Formaldéhyde | $CH_2O$ | 0-10ppm | ADT-53-1185 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Freon Gase | Freon | Fréon | R 11 | 0-2000ppm | | | | ADT-43-2066 | | | | AT-42-2066 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 22 | 0-2000ppm | | | ADT-D3-2070 | ADT-43-2070 | | | | AT-42-2070 | | | SPC 02 TOX | SPC 02 Semi | | | SPC 03 TOX | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 401a | 0-2000ppm | | | | ADT-43-2071 | | | | AT-42-2071 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 401b | 0-2000ppm | | | | ADT-43-2072 | | | | AT-42-2072 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 402a | 0-2000ppm | | | | ADT-43-2073 | | | | AT-42-2073 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 402b | 0-2000ppm | | | | ADT-43-2074 | | | | AT-42-2074 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 408a | 0-2000ppm | | | | ADT-43-2075 | | | | AT-42-2075 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 409a | 0-2000ppm | | | | ADT-43-2076 | | | | AT-42-2076 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 134a | 0-300ppm | | | ADT-D3-2077 | ADT-43-2077 | | | | AT-42-2077 | | | SPC 02 TOX | SPC 02 Semi | | | SPC 03 TOX | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 404a | 0-300ppm | | | | ADT-43-2078 | | | | AT-42-2078 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 416a | 0-300ppm | | | | ADT-43-2079 | | | | AT-42-2079 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 507 | 0-300ppm | | | | ADT-43-2069 | | | | AT-42-2069 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 410a | 0-300ppm | | | | ADT-43-2068 | | | | AT-42-2068 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 407c | 0-2000ppm | | | | ADT-43-2082 | | | | AT-42-2082 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Freon Gase | Freon | Fréon | R 411a | 0-300ppm | | | | ADT-43-2067 | | | | AT-42-2067 | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Hydrazin | Hydrazine | Hydrazine | $N_2H_4$ | 0-1ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Hydrogenchlorid | Hydrogen chloride | Chlorure d'hydrogène | HCL | 0-20ppm | ADT-53-1186 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Isobutan | Iso butane | Isobutane | $C_4H_{10}$ | 0-100% UEG | | ADT-23-3460 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Isobutylalkohol | Iso butyl alcohol | Alcool isobutylique | $C_4H_{10}O$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Isopentan | Iso pentane | Iso-pentane | $C_5H_{12}$ | 0-100% UEG | | ADT-23-3475 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| Isopropanolalk. | Iso propanol alcohol | Alcool isopropanol | $(CH_3)_2CHOH$ | 0-100% UEG | | ADT-23-3445 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | | | | | | |
| Isopropylalkohol | Iso propyl alcohol | Alcool isopropylique | $C_3H_8O$ | 0-100% UEG | | | | | | | | | | | | | | | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| JP8 | JP8 | JP8 | | 0-100% UEG | | ADT-23-3498 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| Kohlenoxiddichlorid | carbon dichloride oxide | Dichlorure de méthanoyle | $COCl_2$ | 0-1ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Kohlenstoffdioxid | Carbon dioxide | Dioxyde de carbone | $CO_2$ | 0-2000ppm | | | ADT-D3-1164 | | | | AT-82-1160 / 1161 | | | | SPC 02 TOX | | | | SPC 03 TOX | | XT-21-11XX | | | | | PTB82-1160 | PTC82-1161 |
| | | | | | ADT-03-1110 | | | | | | | | | | | | | | | | | | | | | | |
| Kohlenstoffmonoxid | Carbon monoxide | Monoxyde de carbone | CO | 0-300ppm | ADT-53-1110 | | | | AT-02-1110 | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | XT-21-34XX-M | | |
| Lachgas | Laughing gas | Protoxyde d'azote | $N_2O$ | 0-2000ppm | | | ADT-D3-1192 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | |
| LPG Flüssiggas | LPG Liquefied Petrol Gas | GPL gaz de pétrole liquéfié | | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Mercaptan | Mercaptan | Mercaptan | | 0-14ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Methan | Methane | Méthane | $CH_4$ | 0-100% UEG | | ADT-23-3400 | ADT-D3-3400 | ADT-43-3H55 | | | | AT-42-3H55 | | SPC 02 EX | SPC 02 EX | SPC 02 Semi | | SPC 03 EX | SPC 03 EX | SPC 03 Semi | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | XT-21-34XX-M | | |
| Methanol | Methanol | Méthanol | $CH_3OH$ | 0-100% UEG | | ADT-23-3450 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Methylethylketon | Methyl ethyl ketone | Méthyle éthyle cétone | $C_4H_8O$ | 0-100% UEG | | ADT-23-3458 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| n-Butan | n-Butane | n-Butane | $C_4H_{10}$ | 0-100% UEG | | ADT-23-3460 | | ADT-43-3H60 | | | | AT-42-3H60 | | SPC 02 EX | | SPC 02 Semi | | SPC 03 EX | | SPC 03 Semi | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| n-Heptan | n-Heptane | n-Heptane | $C_7H_{16}$ | 0-100% UEG | | ADT-23-3491 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| n-Hexan | n-Hexane | n-Hexane | $C_6H_{14}$ | 0-100% UEG | | ADT-23-3435 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| n-Oktan | n-Octane | n-Octane | $C_8H_{18}$ | 0-100% UEG | | ADT-23-3470 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | | | | | | |
| Nonan | Nonane | Nonane | $C_9H_{20}$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| n-Pentan | n-Pentane | n-Pentane | $C_5H_{12}$ | 0-100% UEG | | ADT-23-3475 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Ozon | Ozone | Ozone | $O_3$ | 0-5ppm | ADT-53-1190 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Phosgen | Phosgen | Phosgène | $COCl_2$ | 0-1ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Phosphin | Phosphine | Phosphine | $PH_3$ | 0-20ppm | ADT-53-1187 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Propan | Propane | Propane | $C_3H_8$ | 0-100% UEG | | ADT-23-3480 | ADT-D3-3480 | ADT-43-3H80 | | | | AT-42-3H80 | | SPC 02 EX | SPC 02 EX | SPC 02 Semi | | SPC 03 EX | SPC 03 EX | SPC 03 Semi | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Propylalkohol | Propyl alcohol | Alcool propylique | $C_3H_8O$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Propylen | Propylene | Propylène | $C_3H_6$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Sauerstoff | Oxygen | Oxygène | $O_2$ | 0-25vol% | ADT-93-1195 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Schwefeldioxid | Sulphur dioxide | Dioxyde de sulfure | $SO_2$ | 0-100ppm | ADT-53-1196 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Schwefelhexafluorid | Sulfur hexafluoride | Hexafluorure de soufre | $SF_6$ | 0-1000ppm | | | ADT-D3-1184 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | XT-21-11XX | | | | | | |
| Schwefelwasserstoff | Hydrogen sulphide | Sulfure d'hydrogène | $H_2S$ | 0-50ppm | ADT-53-1197 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Silan | Silane | Silane | $SiH_4$ | 0-50ppm | ADT-53-1188 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Stickstoffdioxid | Nitrogen dioxide | Dioxyde d'azote | $NO_2$ | 0-20ppm | ADT-53-1130 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Stickstoffmonoxid | Nitrogen oxide | Monoxyde d'azote | NO | 0-25ppm | ADT-53-1129 | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | XT-21-11XX | | | | | | |
| Stickstofftrifluorid | Nitrogen trifluoride | Trifluorure d'azote | $NF_3$ | 5-50ppm | | | | ADT-E3-3484 | | | | | | | | SPC 02 Semi | | | | SPC 03 Semi | | | | | | | |
| Styrol | Styrene | Styrène | $C_8H_8$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | | | | |
| Tetrahydrothiophen | Tetrahydrothiophene | Tétrahydrothiophène | $C_4H_8S$ | 0-14ppm | ADT-63-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |
| Toluene | Toluene | Toluène | $C_7H_8$ | 0-100% UEG | | ADT-23-3490 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | XT-A1-34XXI | XT-21-34XXP-IR | | | |
| Trimethylbenzen | Trimethyl benzene | Tri-méthyle benzène | $C_9H_{12}$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | | | | |
| Wasserstoff | Hydrogen | Hydrogène | $H_2$ | 0-100% UEG | | ADT-23-3440 | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Xylen | Xylene | Xylène | $C_8H_{10}$ | 0-100% UEG | | ADT-23-34xx | | | | | | | | SPC 02 EX | | | | SPC 03 EX | | | | XT-21-34XXP | | XT-21-34XXP-IR | | | |
| Zyanwasserstoff | Hydrogen cyanide | Cyanure d'hydrogène | HCN | 0-100ppm | ADT-53-11xx | | | | | | | | SPC 02 TOX | | | | SPC 03 TOX | | | | | | | | | | |