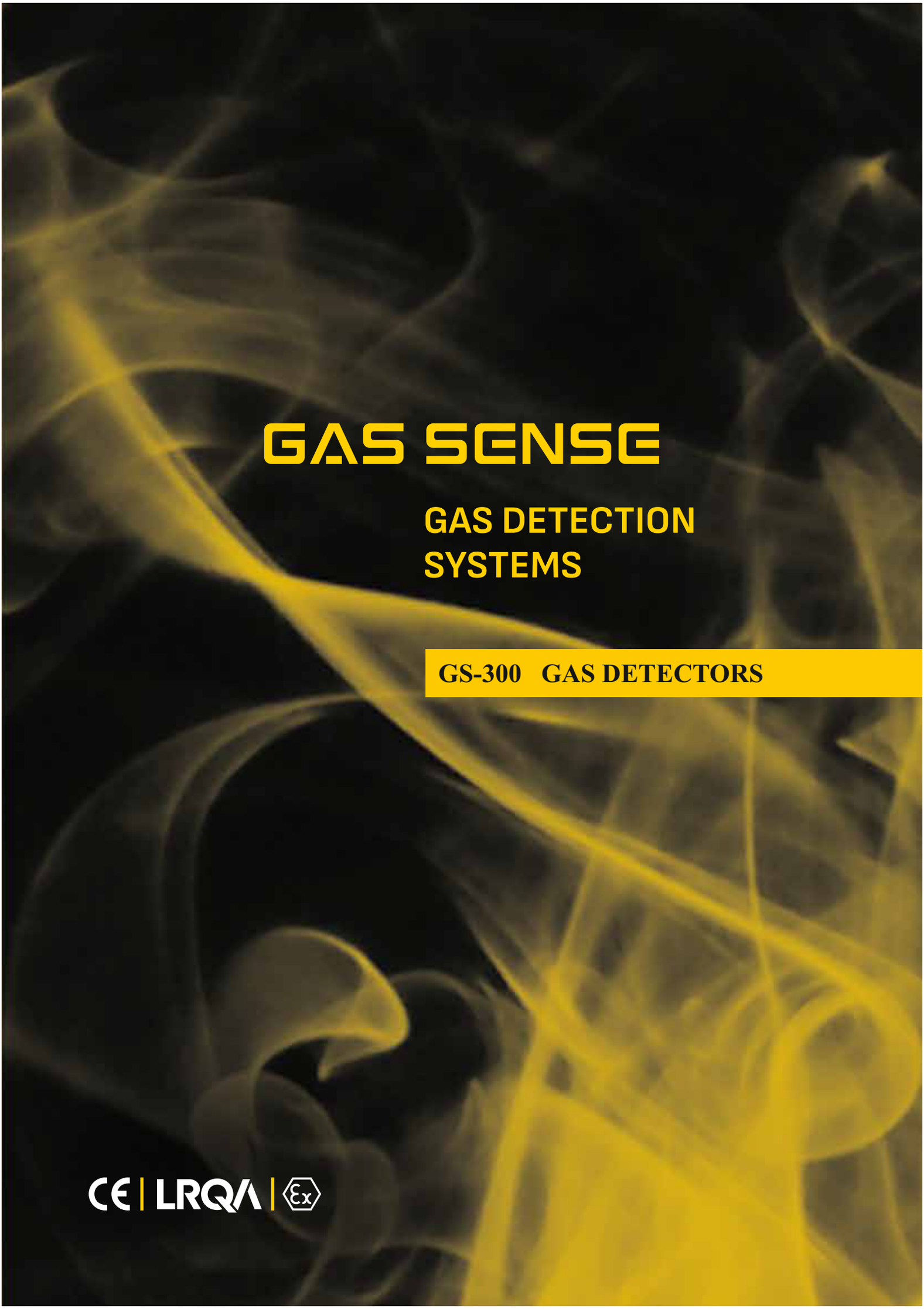

GAS SENSE
GAS DETECTION
SYSTEMS
GS-300 GAS DETECTORS
CE | LRQA | Ex

# GS-300.A - ANALOGUE GAS DETECTORS

-IP65 rated plastic enclosure;
-Analogue 4-20mA output;
-LED indication for alarm events;
-Non intrusive calibration.

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Working voltage | 15 – 30 VDC |
| Power consumption | 3W |
| Output signal | 4-20mA |
| Working temperature | -20 - +60°C |
| Humidity range | 10 – 90%R.H. |
| Dimensions | 159 x 120 x 48 mm |
| Weight | 0,320kg |
| Enclosure material | ABS |
| Ingress protection | IP65 |
| Cable connection | Cable gland(s) M16 (M20) |
| Comply with | EN 50270 |

## GS-300.A - ANALOGUE GAS DETECTORS FOR COMBUSTIBLE GASES




| DETECTED GAS | RANGE | ORDER CODE |
|---|---|---|
| METHANE | 0-100% LEL | GS-300.A.MET.100 |
| LPG | 0-100% LEL | GS-300.A.LPG.100 |

-Catalytic gas sensor for detection of combustible gases.

## GS-300.A - ANALOGUE GAS DETECTOSR FOR TOXIC AND REFRIGERANT GASES




-Electrochemical gas sensor for toxic gases;
-Semiconductor gas sensors for refrigerant gases;
-NDIR gas sensors for carbon dioxide.

| DETECTED GAS | RANGE | ORDER CODE |
|---|---|---|
| CARBON MONOXIDE | 0-500ppm | GS-300.A.CO.500 |
| NITROGEN DIOXIDE | 0-30ppm | GS-300.A.NO2.30 |
| HYDROGEN SULPHIDE | 0-100ppm | GS-300.A.V.H2S.100 |
| AMMONIA | 0-100ppm | GS-300.A.AMM.100P |
| AMMONIA | 0-2000ppm | GS-300.A.AMM.2000 |
| CHLORINE | 0-10ppm | GS-300.A.CL2.10 |
| OXYGEN | 0-25%Vol | GS-300.A.O2.25 |
| CARBON DIOXIDE | 0-15000ppm | GS-300.A.CO2.15000 |
| HCFC Refrigerants (R22) | 0-2000ppm | GS-300.A.HCFC.2000 |
| HFC (R404a, R407c, R410a, R507) | 0-2000ppm | GS-300.A.HFC.2000 |
| R-134a | 0-2000ppm | GS-300.A.134.2000 |
| R-290 | 0-2000ppm | GS-300.A.290.2000 |
| R-600 | 0-2000ppm | GS-300.A.600.2000 |

# GS-300.N - ADDRESSABLE GAS DETECTORS

-IP65 rated plastic enclosure;
-Galvanically isolated RS485 output;
-Modbus communication protocol;
-LED indication for alarm events;
-Non intrusive calibration.

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Working voltage | 15 – 30 VDC |
| Power consumption | 3W |
| Output signal | RS485 |
| Working temperature | -20 - +60°C |
| Humidity range | 10 – 90%R.H. |
| Dimensions | 159 x 145 x 48 mm |
| Weight | 0,320kg |
| Enclosure material | ABS |
| Ingress protection | IP65 |
| Cable connection | Cable gland(s) M16 (M20) |
| Comply with | EN 50270 |

## GS-300.N - ADDRESSABLE GAS DETECTORS FOR COMBUSTIBLE GASES




| DETECTED GAS | RANGE | ORDER CODE |
|---|---|---|
| METHANE | 0-100% LEL | GS-300.N.MET.100 |
| LPG | 0-100% LEL | GS-300.N.LPG.100 |

-Catalytic gas sensor for detection of combustible gases.

## GS-300.N - ADDRESSABLE GAS DETECTOSR FOR TOXIC AND REFRIGERANT GASES




-Electrochemical gas sensor for toxic gases;
-Semiconductor gas sensors for refrigerant gases;
-NDIR gas sensors for carbon dioxide.

| DETECTED GAS | RANGE | ORDER CODE |
|---|---|---|
| CARBON MONOXIDE | 0-500ppm | GS-300.N.CO.500 |
| NITROGEN DIOXIDE | 0-30ppm | GS-300.N.NO2.30 |
| HYDROGEN SULPHIDE | 0-100ppm | GS-300.N.V.H2S.100 |
| AMMONIA | 0-100ppm | GS-300.N.AMM.100P |
| AMMONIA | 0-2000ppm | GS-300.N.AMM.2000 |
| CHLORINE | 0-10ppm | GS-300.N.CL2.10 |
| OXYGEN | 0-25%Vol | GS-300.N.O2.25 |
| CARBON DIOXIDE | 0-15000ppm | GS-300.N.CO2.15000 |
| HCFC Refrigerants (R22) | 0-2000ppm | GS-300.N.HCFC.2000 |
| HFC (R404a, R407c, R410a, R507) | 0-2000ppm | GS-300.N.HFC.2000 |
| R-134a | 0-2000ppm | GS-300.N.134.2000 |
| R-290 | 0-2000ppm | GS-300.N.290.2000 |
| R-600 | 0-2000ppm | GS-300.N.600.2000 |

GAS SENSE

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