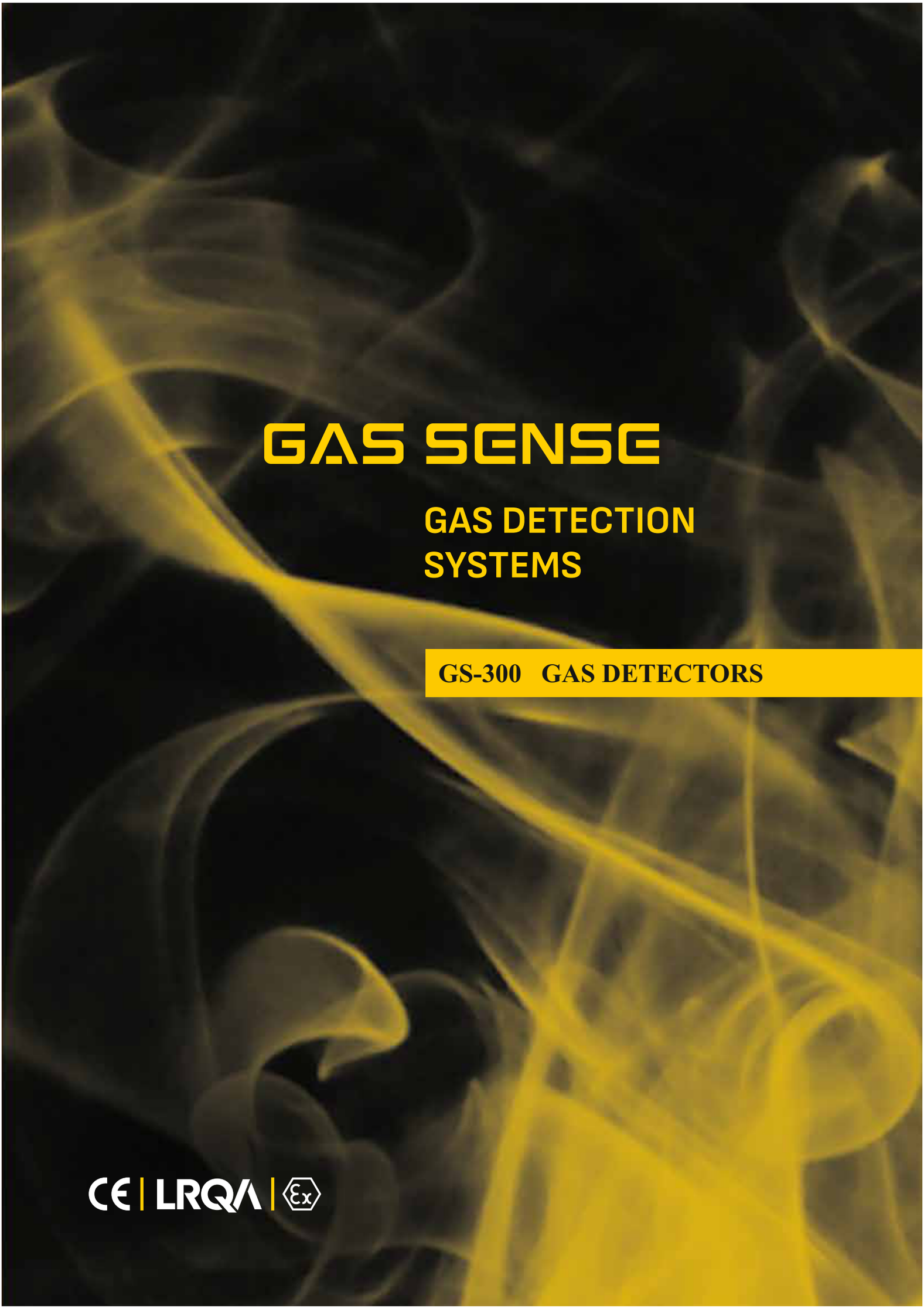

GAS SENSE
GAS DETECTION
SYSTEMS
GS-300 GAS DETECTORS
CE | LRQA | Ex

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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