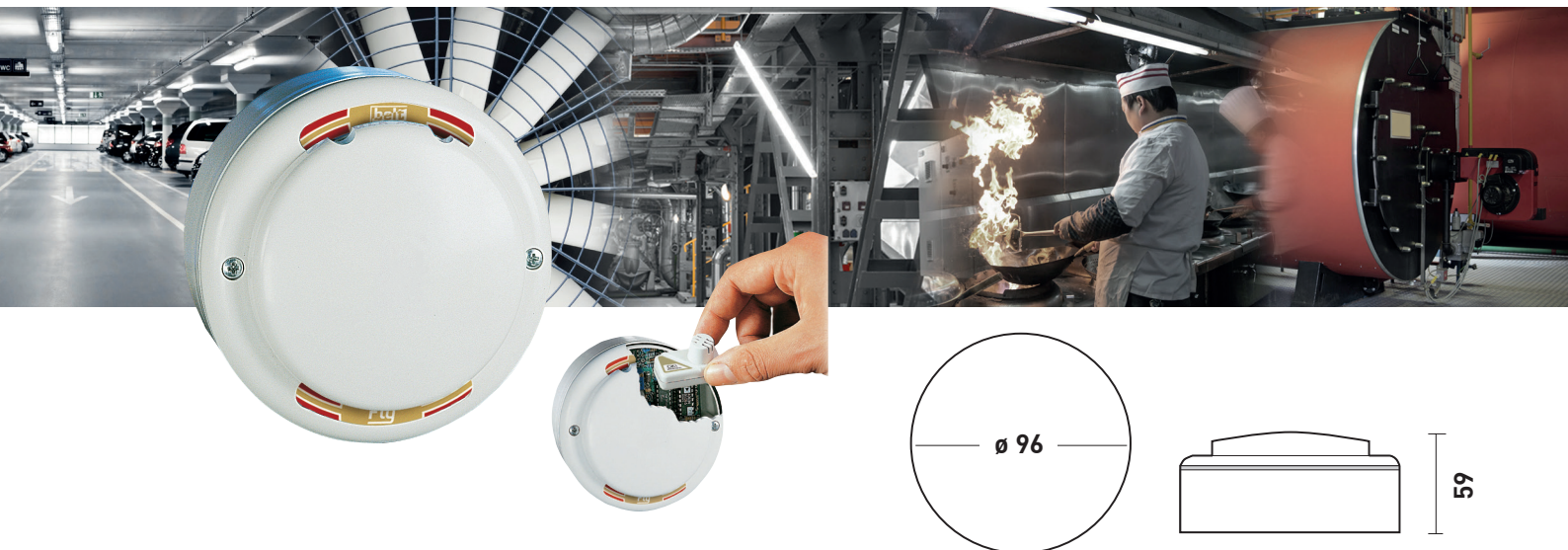


FLY

with plug-in replaceable sensor module



Fly



FLY gas detectors have been developed to be used for gas detection in industry, tertiary areas and boiler rooms where a continuous monitoring for combustible gases (methane or L.P.G.) is needed.

The detectors use an highly selective catalytic bead sensor and are provided of a single threshold output. The alarm level is set to 10% of L.E.L.

The plug-in replaceable sensor module extends the detectors life to 12 years, replacing the module every 4 years.

Features

- Low installation and operation costs
- Plug-in replaceable CK sensor module
- Low power consumption
- Single threshold output
- Highly selective, poison resistant
- IP55 enclosure rating

Ordering Information

Models

B20-FLC1	with CK1 - Methane (CH ₄)
B20-FLC2	with CK2 - L.P.G.

Accessories and spares

B95-CK1	CK sensor module - Methane (CH ₄)
B95-CK2	CK sensor module - L.P.G.
B98-BG1	Gas bottle 50 ml propane-butane (for test combustible gas)

Compatible controllers

DIN rail mounted

B20-AS1A	ASTRA control unit for 1 gas detector
B20-AS2A	ASTRA control unit for 2 gas detectors

Rear panel mounted (48 x 96 mm)

B20-AS1B	ASTRA control unit for 1 gas detector
B20-AS2B	ASTRA control unit for 2 gas detectors

Rear panel mounted (144 x 144 mm)

B20-AS2C	ASTRA control unit for 2 gas detectors
B20-AS4C	ASTRA control unit for 4 gas detectors
B20-AS6C	ASTRA control unit for 6 gas detectors

DIN rail mounted

B20-UN2A	UNIKA 2 control unit for 2 gas detectors
B20-UN4A	UNIKA 4 control unit for 4 gas detectors

Specifications

Power

Power:	Powered by ASTRA control units
Input power:	10÷30 Vdc [-15% / +10%]
Power consumption:	95 mA at 10 Vdc 47 mA at 30 Vdc (stand-by)

Environmental

Operating temperature:	-10 / +50°C
Relative humidity:	5÷95% non-condensing
Enclosure rating:	IP55

Mechanical

Dimensions:	Ø 69 x 59 mm
Weight:	153 gr
Color:	Light grey (RAL 7035)
Housing:	PC-ABS UL94-VO
Mounting:	Wall mounted

Sensor

Type:	Catalytic bead
Life expectancy:	4 years (12 years detector life replacing 2 times the plug-in sensor module)
Stabilization time:	< 8 hours
Warm-up time:	< 1 minute
Alarm level:	10% L.E.L.
Further features:	Highly selective, poison resistant

Output

Output:	Single threshold
Air:	4 mA
Alarm:	> 20 mA

Approvals

EMC (EN50270)

Warranty

Two years

Combustible gas detectors

FLY

Typical applications

- Tertiary areas
- Boiler rooms

This data sheet replaces previous ones.
The manufacturer can change without prior notice product specifications and details. Descriptions and illustrations are shown only in order to aid the customer. All data herewith enclosed is the copyright protected.



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